PRODUCTS + SERVICES

OUR PRODUCTS

CEILING LIFTS
SLINGS
TRACKS AND HARDWARE
FLOOR LIFTS

OUR SERVICES

DESIGN
PLANNING
INSTALLATION
TRAINING
MAINTENANCE

FEATURING | WAVERLEY GLEN
A PRISM MEDICAL COMPANY

ANGEL
ACCESSIBILITY SOLUTIONS

MAKING THE
HEALTHCARE DIFFERENCE

Welcome to all healthcare architects, planners, interior designers and healthcare professionals.

The purpose of this Planning and Product Guide is to assist you in planning effective patient handling solutions.

Ceiling lifts provide an aesthetically pleasing addition to any new or retrofit facility. Extremely functional in design, with no demand on valuable floor space, ceiling lifts offer a great advantage in the delivery of excellent care.

With over 14 years experience, Angel Accessibility Solutions Ltd. has designed and installed more than 4500 systems into over 100 facilities. During that time, our clientele has recognized and appreciated the quality of our products and services. Our success is a result of superior customer service, knowledgeable and well-trained staff and services extending far beyond the simple sale of a product.

We offer complete turnkey packages that initiate with consultation and continue through planning, implementation, training, maintenance and ongoing long-term customer service. In addition, we support changing healthcare needs of our clients with customized products and design and evolving technology.

If ceiling lifts are part of your larger healthcare strategy, we will work with you to ensure your goals are met with cost efficiency and a high quality of customer service.

Angel Accessibility Solutions represents products manufactured by Waverley Glen Systems Ltd. With a total of over 30,000 systems installed, Waverley Glen is a leading developer and manufacturer of ceiling lift products. Angel is a leading full service provider of ceiling lift systems.

Angel Accessibility Solutions...Leaders in injury prevention since 1994.

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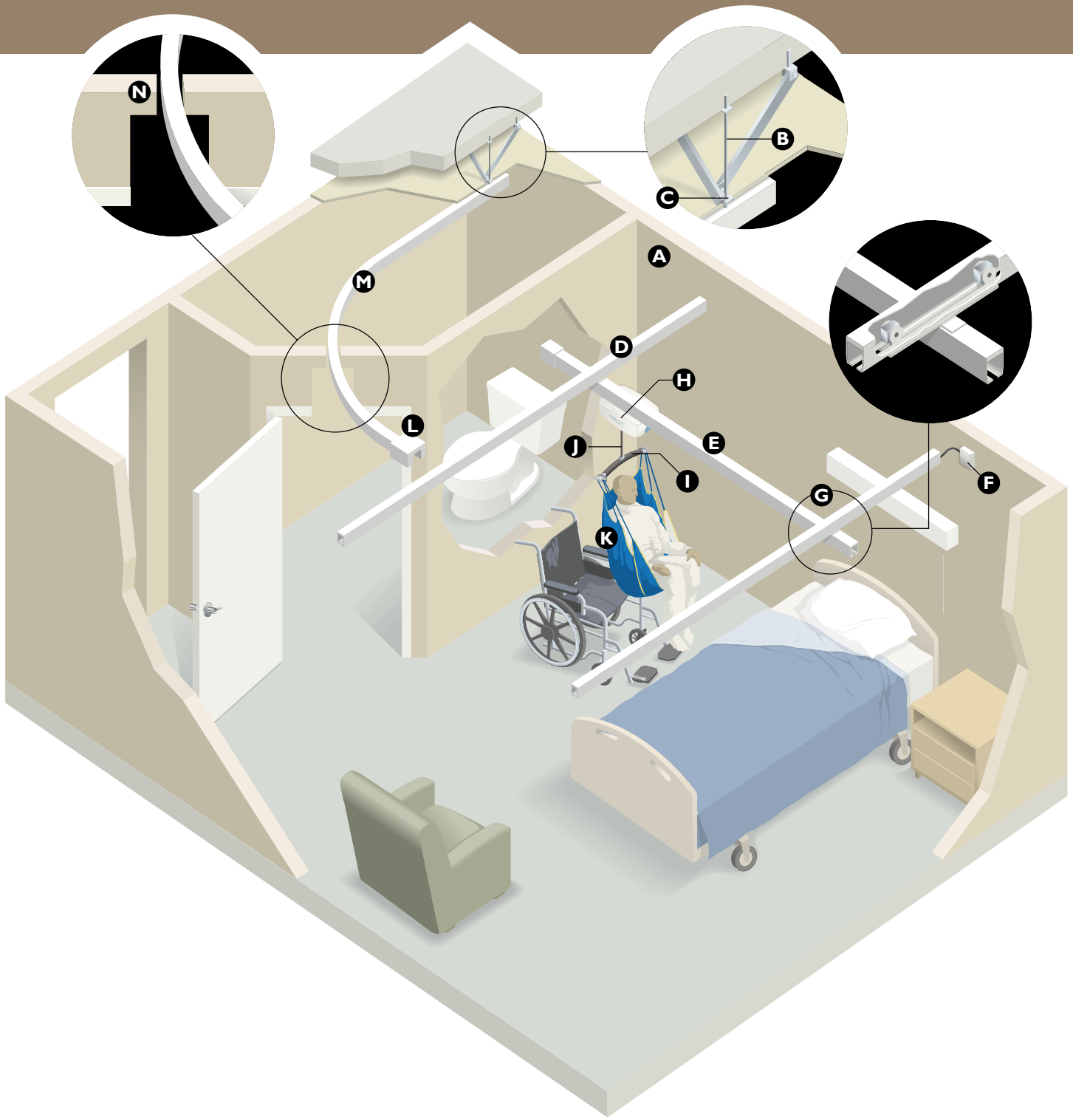


making the healthcare difference

ANATOMY OF A CEILING LIFT SYSTEM

A. Structural Attachment Point

The engineered connection point where the ceiling lift equipment is connected to the building.

B. Drop Rod

For lift system installation under a T-Bar or other suspended ceiling. Refer to page 52 for technical information.

C. Ceiling Bracket

Ceiling brackets support the lift track. Refer to Mounting Details page 37.

D. Ceiling Rail (Track)

The ceiling rail or track serves to carry the lift head (motor) or other lift accessories. Refer to Tracks page 36 and Technical section pages 42-55.

E. Traverse Boom (Track)

A moving section of track to which the lift motor is attached. The traverse boom attaches to the gantry to allow the lift to move in an X-Y axis. Refer to Technical Section pages 42-55.

F. Charging Station

The location (either mid-span or end of track) where lift docks for battery recharge. See Tracks page 37.

G. Gantry Wheels

Wheels ride inside the fixed rails and attach to the gantry boom. Tracks Page 37 or Technical section pages 42-55.

H. Lift Head (Motor)

Refer to “Anatomy of a Lift” illustration on pages 22-23. Selection of lift type depends on functional requirements. Refer to “Planning” on pages 6-13.

I. Carry Bar

Connecting point for patient slings. Connects to lift via lift strap. Refer to Products section, Lifts pages 22-25.

J. Lift Strap

Connects lift to carry bar. Raises and lowers via controls and motor.

K. Sling

Slings support safe transport or positioning of patient. Connect to carry bar via straps. Refer to “Anatomy of a Sling” page 28 and Products section, Slings, pages 29-33.

L. Trans Gate

The mechanism facilitating the transfer from an X-Y configuration to a single rail leading to another room. Refer to Products Section, Tracks page 37 and Technical Section, page 49.

M. Monorail to Toilet

A single section of rail that provides access to the toilet. Refer to Page 43.

N. Open Door Header

Opening above the doorway where track passes through to next room. Refer to Technical Section pages 42-45.

PLANNING CEILING LIFT SYSTEMS

"Looking back, the best thing we ever did ...

was spend the time getting our plans together for what we would want to happen if we got money for ceiling lift systems. We spent time meeting with vendors and learning the benefits of various features and configurations. Angel Accessibility Solutions was very helpful at this stage, always bringing us back to..."What will work for the residents and clients?" They obviously had lots of experience that they were willing to share freely, even in advance of the vendor proposals and this really helped us to learn and plan.

After seeing the lifts in action and talking to the managers and front-line caregivers we were tempted to discard our plans for development of a detailed implementation strategy document. We simply wanted to say..."Look, this the right thing to do, anyone can see that!" However, good leadership kept us questioning, going further and further into the '...what if...' and '...what about that? By the time we did receive the news that we had the go-ahead—most of the real work was done. Even today, as we continue to install systems I remain grateful that we did that upfront planning and I believe that our results demonstrate the benefits of addressing the barriers and opportunities at the planning stage"

Marjorie Brims
Manager, Workplace Health and Safety
Interior Health Authority, British Columbia

Planning to make significant changes in the physical building or the care routines in any healthcare facility is a complex exercise that involves many people. Planning to achieve those changes while also improving quality of care and staff safety may seem overwhelming. However, with the right patient handling solution based on ceiling lift system installation, all goals can be achieved and a return on investment demonstrated.

"Return on Investment" is a collection of factors, all of which are critical to a well managed operation. The following questions are important for any facility or organization planning ceiling lift systems as part of their patient care and staff safety programs.

1

Financial ...

Can we afford it and will it pay for itself? What savings can we expect to make in comparison to the cost of the system? What is the evidence of payback periods from other comparable facilities?

2

Effectiveness ...

How much would ceiling lifts contribute to achieving our goals for management of our human resources and for quality of patient care? Is there any evidence that the indirect, direct and opportunity costs will be outweighed by decreased injury, orientation or training costs?

3

Efficiency ...

Is this the best value for our available resources? Is there a better way for us to reduce costs and improve quality of care for this investment of funds?

4

Impact ...

Will the benefits justify the overall costs? Is there evidence of other benefits e.g. social, physical etc that would fit with our goals?

WHAT ARE THE IMPACTS OF CEILING LIFT SYSTEMS?

When considering possible installation of a ceiling lift system, all potential impacts must be considered. For those that are perceived as negative, it is important to bring them into open discussion for dialogue. Otherwise the process of change may be undermined and delayed. For impacts that are seen as positive, they should be celebrated and acknowledged for the contribution they make towards improving the quality of healthcare.

Impact on staff

- Increased morale and empowerment of frontline staff
- Improved retention, recruitment and return-to-work strategies
- Decreased physical demand on frontline staff
- Decreased injury costs related to moving and assisting clients
- Need for education and training time
- Learning curve and temporarily reduced skill levels
- Requirement to change practice—alteration of care routines and habits
- Requirement to follow safe work procedures and policy
- Reduction of transfer choices—from preference to safety
- Increased staff time for patient care

Impact on patients, residents or clients

- Increased safety during transfers or repositioning
- Decreased anxiety about being transferred
- Increased comfort during care, fewer bruises or skin tears
- Increased likelihood of change of position (bed/chair) during the day
- Consistency of transfers and repositioning with different staff
- Adaptive clothing considerations if transferred in a sling
- Increased safety for those without good insight into their abilities
- Less energy expended on poor quality transfers and repositioning
- Feel less of a burden to the staff
- Improved quality of transfer

PLANNING CONSIDERATIONS FOR CEILING LIFT SYSTEMS

Patient Care

Immediate and long-term uses and needs, setting (home, institution), program requirements

Staff Care

Staff input and assessment of needs, training requirements, ease of use

Structural/Engineering

Room layouts, structural requirements, track configurations/mounting

Mechanical

Sprinkler location, bathroom ceilings, smoke detectors, door headers, privacy curtains

Electrical

Lighting, electrical capacities and outlets

Products and Services

Warranties, customization, consultations, installation, training, ongoing support

WHAT TO LOOK FOR IN A CEILING LIFT SYSTEM

Ease of use

- Simple product design that makes sense to users
- Easy to learn and operate
- Configurations that meet the patients' needs
- Design drawings that clearly illustrate function for staff
- Design and construction that Maintenance can endorse
- Clear training and user instruction materials
- Sling design that meets care needs and facilitates comfort

Quality and expectation of longevity

- Warranty periods minimum of two years
- Slings and lifts proven to last, provide an economy of use
- All components designed for rigors of healthcare use with long term viability
- References from users having a minimum of three years history with a product

Safety

- CSA and/or UL approved safety features
- Meets OHSPD certification specifications
- Meets seismic standards and regulations
- Systems installed by qualified, experienced personnel
- All drawings certified by structural engineer

WHAT TO LOOK FOR IN A SERVICE PROVIDER

- Knowledge of patient handling issues
- Planning and design that focus on client needs
- Experience with privacy curtain issues and solutions
- Ability to advise on custom sling requirements and design
- Turnkey installations incorporating staff input
- Customization to facility and client needs when needed
- Maintenance service contracts
- Timely access to reasonably priced parts
- Training—care staff, maintenance, families if needed

CONSIDERATIONS WHEN SELECTING OVERHEAD LIFT SYSTEM PRODUCTS (LIFTS/SLINGS)

Fixed Lift Motors vs Portable Ceiling Lift Motors

A fixed ceiling lift motor (C 625) is a unit that resides in the track system and functions as a permanent system component. This lift's advantages include higher lift capacity, easy-to-use battery charge, proven longevity and an easy-to-use and unobtrusive carry bar.

The portable ceiling lift motor (P 425) can be moved from room to room, to different tracks and offers greater flexibility of use. The unit can be easily connected and disconnected. Because of use and portability, it will usually have a shorter life span. The motor unit acts as both motor and carry bar, from which the sling is suspended. Anterior and above the patient in its positioning, this model is more obtrusive than a fixed lift carry bar.

For both fixed and portable ceiling lifts, coverage is defined by track configuration. Maneuverability options range from precise placement and maneuverability with an X-Y gantry to more limited configurations of single rail tracks (see track configurations, page 10-11). The ability to transfer from one track to another or from one room to another via a turntable or auto-gate further extends the coverage area of a lift device.

SLINGS

A sling in the healthcare setting can be defined as any transfer device that is suspended from a lifting device.

In terms of priority, the most important considerations for sling selection are:

- Safety, support and comfort of patient
- Ease of use
- Proper sizing for secure support and safety
- Easy washability and maintenance

Sling applications include seated transfers, standing support, walking, turning and repositioning. Specialized applications include lift chairs for swimming pools, transfer boards for imaging and special slings for operating rooms.

Slings range in design complexity and ease of application. Generally, slings offering the most support require more involved steps to apply.

For our complete selection of sling products, refer to the Slings section on pages 26 to 33.

TRACK CONFIGURATIONS

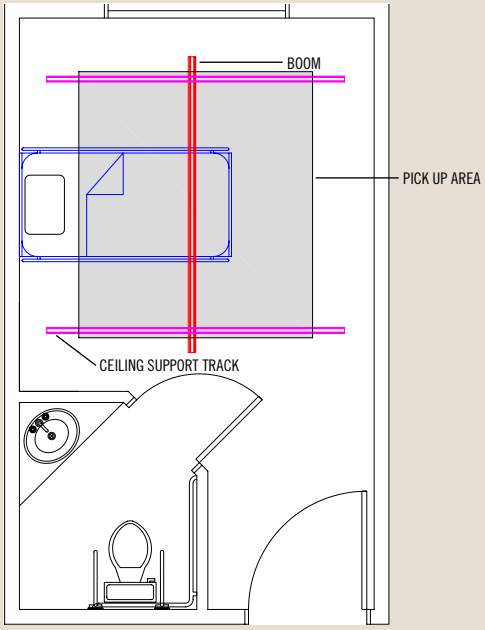
When planning track configurations, the primary recommended considerations are:

- Coverage area for patient handling
- Mobility/Maneuverability requirements
- Ability of track configuration to meet coverage and healthcare needs

For effective and safe patient handling, track configurations should meet the required coverage area to perform all necessary patient handling tasks. Otherwise, usage of ceiling lift systems may become onerous and may result in caregivers reluctant to use them. Consequently, this could result in underachievement of a no-lift policy as well as a poor return on investment.

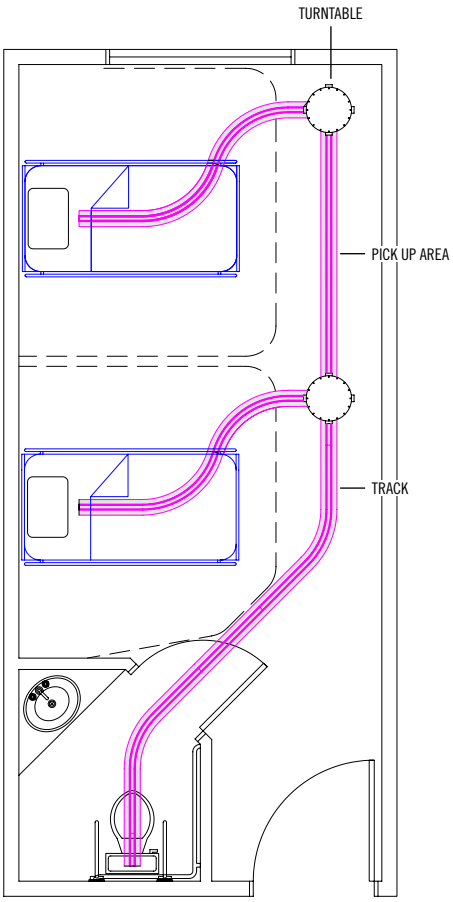
In terms of configurations, there are four standard layouts ranging from greatest coverage and maneuverability to the least. The following are typical examples (ranging from greatest range/maneuverability to least) and can be customized or combined to meet any specific situation.

X-Y GANTRY



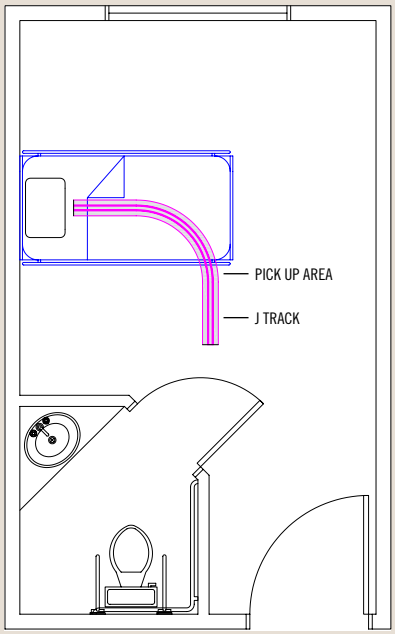
A three piece system with two parallel fixed rails and a perpendicular moving “boom” permitting coverage under the entire x-y rail system. Advantages include optimal mobility/maneuverability (easily made adjustments front and back, side to side), full coverage of the bed, easy transfer to chair, floor pickup. Performance having the greatest range of tasks within a coverage area is possible with this configuration.

SPIDER OR MULTI-STOP TURNTABLE



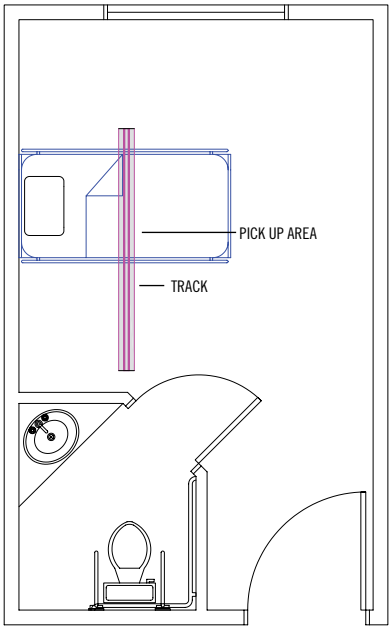
A set of single rail straight and curved tracks and a central turntable. Enables mobility along the line of the track with the added benefit of changing track direction at the turntable point. Suitable for rooms with multiple beds or where a change in track direction enables extra pick up and drop points, track to bathroom and track to couch/easy chair. Limitations include a reduced coverage area (along track line only) and reduced maneuverability options.

J-TRACK



A single rail straight and curved track in the shape of a J. Provides coverage from bed to chair or stretcher, boosting or lifting up in bed and aids in repositioning. Limited in coverage area and maneuverability options.

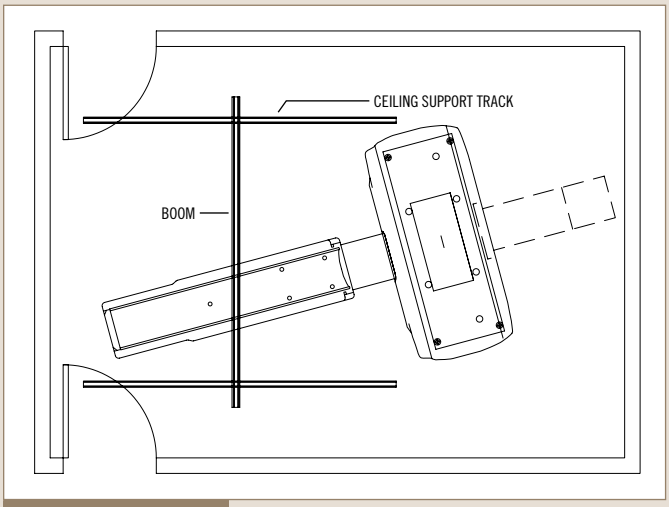
STRAIGHT MONORAIL



A single straight rail track running either perpendicular to or directly over a bed. Allows pick-up in bed and transfer to wheelchair or other equipment. Limited in repositioning, flexibility of furniture placement and transfer options. Least usable of any system. Functions in an environment such as Operating Room.

ROOM LAYOUTS

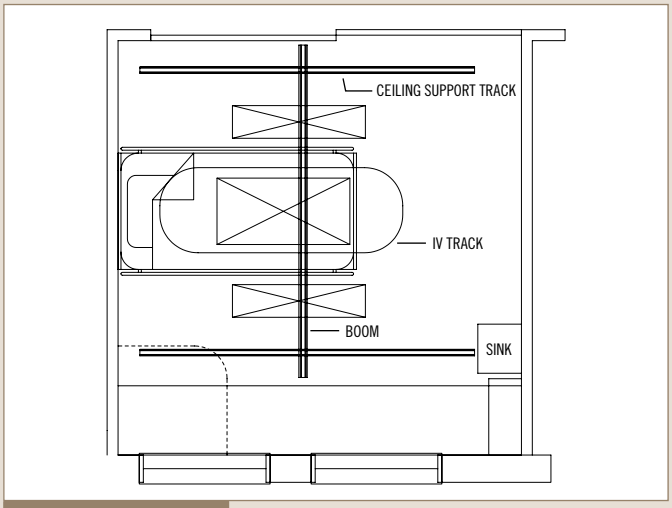
The following are sample room track configurations for different medical areas. Different needs (listed below) in each area require a ceiling lift system designed to meet safe transfer requirements for staff and patients.



Imaging Room

Requirements in MRI and Cat Scan Test areas

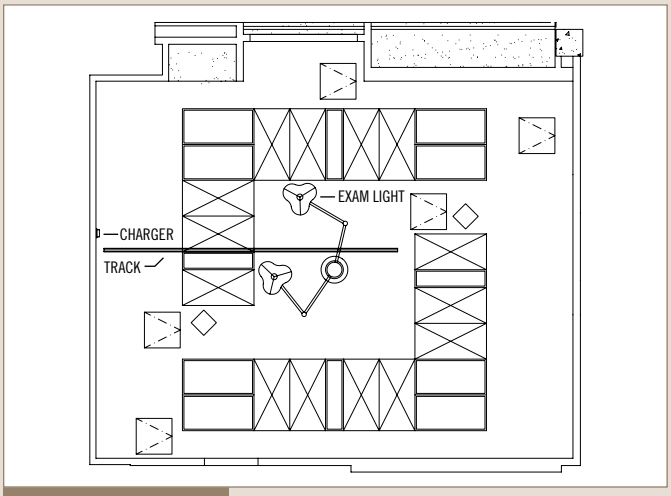
- Transfer to/from wheelchair to/from diagnostics table



Intensive Care Unit

Patient handling requirements for Intensive and Critical Care Units

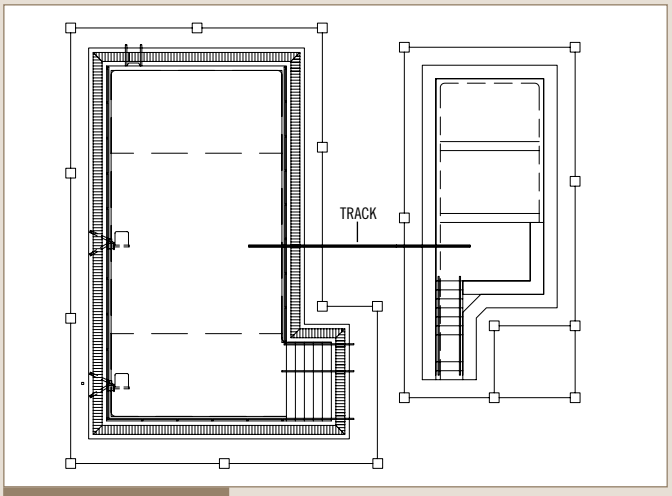
- Transfer stretcher to bed
- Bed to wheelchair, easy chair or commode
- Repositioning in bed
- Diagnostics (imaging)
- Change bed linen



Operating Room

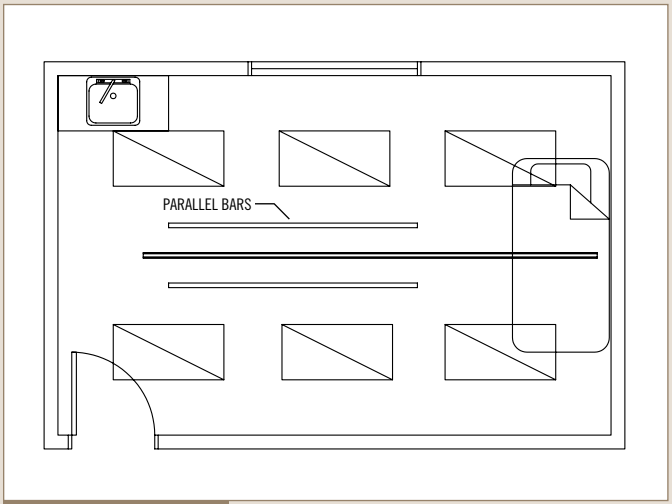
Main functional requirements during surgical operations

- Transfer to OR table
- Transfer supine patient from table to stretcher
- Turn patient if required



Pool

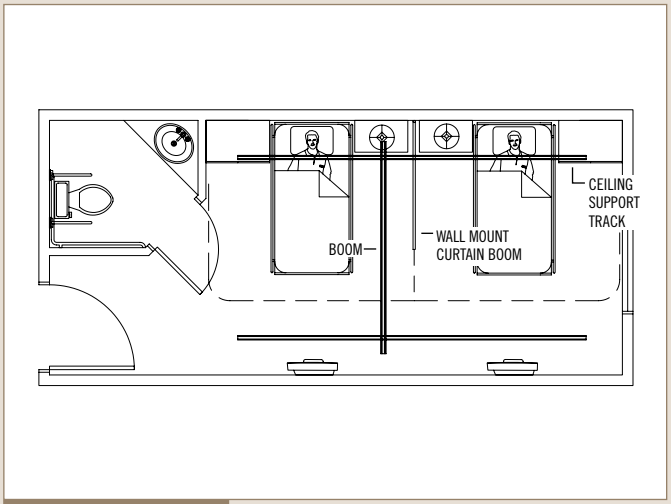
- Change room transfers
- Access into and out of pool and hot tub
- Transfer into/ out of pool using sling, pool chair, stretcher or other attached device



Rehabilitation

Requirements for Rehabilitation

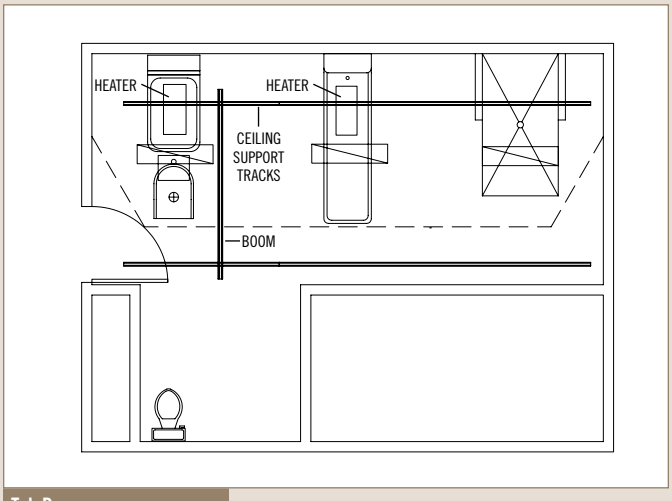
- Walking sling for use with parallel bars and to provide safety support on stress test treadmill
- Stand Assist sling
- Transfer to plinth for seating assessments and physiotherapy



Semi Private Room

Acute Care or Residential

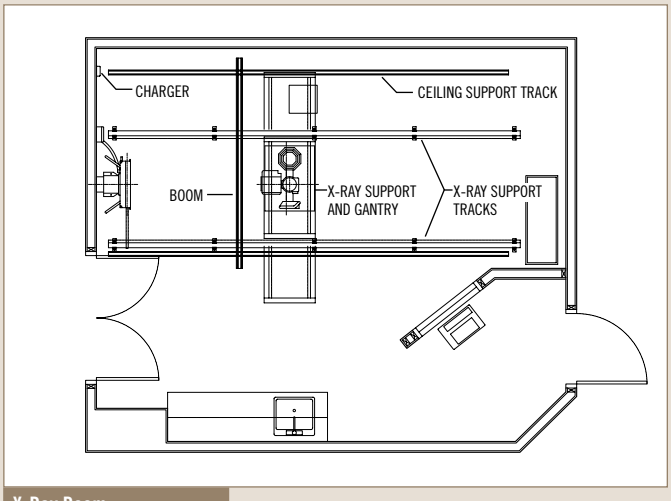
- Stretcher to bed
- Transfer wheelchair to/from bed
- Lift from floor
- From bed to easy chair or commode
- Option to have transfer through gate to bathroom
- Reposition and turn in bed
- Provide support for changing, dressing, washing, toileting, bed care



Tub Room

Bathing Transfers

- Wheelchair/stretcher to and from tub/toilet
- Bather support in tub



X-Ray Room

Requirements in X-Ray

- Transfer to/from wheelchair to/from x-ray table
- Support by the x-ray unit

"We have over 1800 ceiling lifts installed ...

in Interior Health—a health region in British Columbia, Canada. Although the vast majority of these have been provided by Angel Accessibility Solutions, we have had installation from 4 other ceiling lift providers. As a result of our experiences with these alternate vendors, it was most evident that the products are quite similar. What separates Angel Accessibility from their competitors however and why we, as a health region, have now established a regional contract with them, is the expertise, training and ongoing services they bring to our specific health care facilities and our organization. Angel Accessibility Solutions is considered part of our safety team both from a corporate level as well as a site level. They do not hesitate to provide additional training as needed, even when asked to do so at our most remote sites, and are continually sharing new injury prevention solutions both in new products or successful processes/procedures established in other facilities.

In my seven year history with Angel Accessibility Solutions, I have not received one complaint from a site regarding the installation process—their installers have been most professional in working around the needs of the patients/residents and staff. They have also set the Interior Health standard for "turn-key" installation and on-going support which we now expect from all to establish with all major safety equipment vendors."

Leslie Gamble
Ergonomic Specialist
Interior Health Authority

ENSURING EFFECTIVE RESULTS OVER THE LONG-TERM

Angel Accessibility Solutions

Sourcing overhead lift equipment is easy. Companies will gladly sell you their product. Few however, offer a truly comprehensive service package with consultation, planning, installation, implementation, training and maintenance, and continue this relationship with the customer over many years.

For the past 14 years, Angel Accessibility Solutions has been doing just that. Having been at the forefront of ceiling lift installations in British Columbia, we have now installed approximately 4500 systems in over 100 different facilities in British Columbia, California, Oregon and Washington. Angel Accessibility Solutions has acquired the experience and tools needed to effectively plan, implement and maintain ceiling lift systems for long term use.

While our relationship with our customers begins at the consultation stage, it does not end once the final lift system has been installed. Our success has resulted from ensuring that customers' needs are met through the delivery of effective systems and ongoing support. Quality of care is our highest priority.

COMPLETE TURNKEY OPERATIONS

Angel Accessibility Solutions Ltd. offers the following services as part of its turnkey operations package:

1 Design and Planning

- Detailed design and planning with our experienced staff
- Full set of plans
- Full structural designs and drawings
- Engineering approvals and stamped drawings
- OHSPD approved in California - #OPA-0752
- Shop drawings for all installations
- Privacy curtain layout design

2 Quality Products

- Waverley Glen manufactured products with warranties
- Other product lines to complement your ceiling lift systems for a total healthcare solution
- Angel Accessibility Solutions Ltd. provides ongoing service and maintenance for every product sold

3 Configuration and Lift Trial Testing

- Trial tests of track configurations and lifts allow customers to test applications, determine effectiveness in the environment and ensure that healthcare needs are met
- Trial of installed lift systems is available for 90 days or a flexible period

4 Sling Trial Testing

- Sling trial packages contain a sample of each sling that would be used in the particular facility or setting. They are provided for a trial period to determine which slings best meet healthcare needs
- Customized slings and sling designs available
- Slings can be exchanged if unopened for a period of 90 days from original purchase

5 Installation

- Full installation service and coordination
- Arrangement for minimal disruption during installation
- Experienced installers sensitive to the healthcare environment and provide high quality service
- Installation under requirements of Infection Control Standard Can/CSA Z317.13-03

6 Training

- Staff training includes lift operations, track function, sling usage and different sling applications in a hands-on session
- TIPS (Total Injury Prevention Systems) trainees receive a training certificate and a recognition lapel pin
- Training DVD with training program modules

7 Instructor Training: "Train the Trainer"

- "Train the Trainer" program for staff who will guide other staff
- Two day session addressing sling assessment, tips on sling usage and application
- Training DVD with training program modules

8 Sling Maintenance Training

- Training for laundering, sling maintenance and sling safety inspection
- Assistance on sling management (ie: custom ID labels)

9 Service Maintenance Training

- On-site troubleshooting and lift service training
- 2.5 hour session covering various lift features and the most common maintenance problems/issues
- Service manual provided to maintenance staff

10 Completion Package

After lift installation is complete, a full completion report includes the following:

- Room layouts with track (as per installation)
- Engineering
- Commissioning and weight testing forms
- Structural details
- Contact information
- Lift specifications models and serial numbers

11 Service Log

- Service log with lift servicing records
- Service records stored in Angel Accessibility Solutions' database
- Service reports provided upon request

12 Customization

- Custom room layout design
- Custom sling applications

13 Warranties and Maintenance

- Full service warranties
- Preventative maintenance programs

14 Ongoing Support

- User Group meetings as needed
- Follow up evaluations
- Customer support

TIPS – TOTAL INJURY PREVENTION SYSTEMS

Encompassing Angel Accessibility Solutions' complete turnkey package is the TIPS program – a comprehensive patient-handling program that begins at initial consultation and continues until well beyond the final installation, for as long as customer service is needed.

TIPS is based on 14 years of patient handling experience and has been designed to ensure success in the elimination of patient handling injuries. Time and time again, we have seen the success of TIPS for our customers and in delivering a system that is effective and meets the Return on Investment objectives. Its combination of proper planning, installation, maintenance, training and ongoing support operate together in delivering a program that works over the long term. Guaranteed!

The Program Covers:

1. Consultation: determine injury reduction priorities and policy
2. Planning: assess patient handling demands
3. System design
4. Project management
5. Installation
6. Sling selection, demonstration and trial kits, evaluations
7. Sling guarantee with exchange program
8. Staff training with certificate and pin acknowledgement
9. Training DVD with modular chapters
10. Monitor statistics and review activity
11. Policy and procedure guides in accordance with compliance regulations
12. Injury Prevention Management Consultant available for further assessments

WAVERLEY GLEN

LIFT SYSTEMS

"I am writing to recommend Angel Accessibility Solutions ...

as a company and the Waverley Glen ceiling lift systems as a product. We have had Angel ceiling lifts in place at Baker Lodge (an extended care facility in Quesnel, British Columbia) for just over one year as part of a musculoskeletal injury prevention pilot project in Northern Health.

We are currently in the process of our one-year evaluation, and although we do not have complete results available at this time, initial indications are that the number of staff musculoskeletal injuries, as well as the number of incidents involving resident aggression during care, have decreased. We believe these changes are a direct result of integrating the use of ceiling lifts into care routines (including bathing).

Helen Coleman BScR (PT)
Ergonomic Advisor
Employee Health Services
Northern Health

Angel Accessibility Solutions has provided excellent service including design work, installation, staff training, and repairs/service. I would be happy to discuss our experience with Angel Accessibility Solutions and the Waverley Glen products at any time."

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ANATOMY OF A LIFT

A. Traverse wheel set

Wheels inside the track allow the lift to move easily. Manual or power traverse options. Refer to Lifts section, page 25.

B. Charging contacts on wheel

Point of contact between charger and lift in the dock for battery recharge.

C. Pneumatic hand control

A device with 2, 4 or 6 pressure sensitive buttons controlling lift operation. Refer to Lifts section page 24.

D. Curly cord airline

An expanding-retracting cord connecting the pneumatic hand control to the lift.

E. Grommet

Connection point between airline and lift. Designed for easy connection and easy maintenance/replacement. Refer to Lifts section page 24.

F. Carry bar

Used to suspend the sling from multiple attachment points. Attaches to lift via lift strap. Varied designs and sizing to suit different applications. Refer to Lifts section, page 24.

G. Lift strap

A retractable nylon strap connects lift to carry bar. Strength exceeds three times lift capacity.

H. Emergency lower cord

Used in case of pneumatic hand control failure. Bypasses circuit board and uses power to lower the patient. For emergency only. Refer to Lifts section page 24.

I. Manual lowering access

An additional safety measure in case of power lowering malfunction. By using an allen key, lowering can be accomplished manually. Refer to Lifts section page 24.

J. Digital diagnostics readout

LED readout with scrolling information on battery life, number of lifts, functions. Refer to Lifts section page 24.

K. Removable cover

Covers and protects internal components, batteries and manual lowering tool.

L. Label

Provides manufacturers' information (production date, serial number), lift model and maximum weight capacity.

M. Traverse arrow directions

Located on the underside of the lift. Colour coded directional arrows correspond with colour coded hand control buttons.

N. Charge Indicator

Indicates when charger on.

1 Angel C 625

Our flagship lift, the C 625 is compact, sleek and powerful, and is capable of supporting up to 625 lbs. A full feature lift with the highest base capacity of any in the fixed lift class. The C 625 is the ultimate in design and function, based on 20 years of experience and research by the manufacturer Waverley Glen.

1 Angel C 450

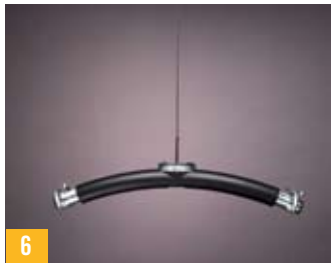
The C 450 offers the same functions and aesthetic as the C 625. It differs only in weight capacity of a 450 lb maximum.

2 Angel P 425

The P 425 is a portable lift with onboard or hand controls with a weight capacity up to 425 lbs.

3 Angel T 800

A lift capable of supporting weight loads up to 800 lbs. An updated 1000 lbs model to be released in the near future.
Call for availability.



4 Pneumatic Hand Controls

4 button/6 button hand controls enable mobile lift control.

7 Emergency Cord / Grommet / Lift Strap

The red emergency cord disconnects power and immediately stops the lift. The retractable central lift strap extends down and connects to the carry bar. The grommet connects the pneumatic hand control cord into the lift.

5 Digital Screen Readout

The digital readout indicates diagnostics such as number of lifts and battery level.

8 Manual Emergency Lowering / Rising Device

Found on the side of the lift is a manual option operated by an allan key.

6 Carry Bar

A suspended bar from the lift strap utilized for connecting slings and carrying the patient.

9 Angel P 425 Onboard Controls

Onboard controls complement a pneumatic hand control and provide necessary control options for maneuvering the lift.

LIFT SPECIFICATIONS

Angel Overhead Lift Model Specifications

Lift Models	Angel C 625	Angel P 425	Angel C 450	Angel T 800
Manual Traverse	•	•	•	•
Power traverse	•		•	•
Power X-Y system	•		•	•
Lifting weight capacity	625 lbs (283 kg)	Max 425 lbs (193 kg)	450 lbs (204 kg)	800 lbs (364 kg) 1000 lbs (454 kg)
Features				
Pneumatic controls	•	•	•	•
On-board controls		•		
Digital display (LCD)	•		•	
Audible low battery	•	•	•	•
Soft start-stop	•	•	•	•
Auto shut-off	•	•	•	•
Changeable carry bar	•		•	
Return to charge option	•		•	
Safety Features				
Emergency Stop	•	•	•	•
Emergency power lowering	•	•	•	•
Emergency manual raising or lowering	•		•	•
Fail safe over-speed governor	•	•	•	•
Built-in safety limits	•	•	•	•
Slack strap sensor	•	•	•	•
Specifications				
24 volt battery system (non spill, no memory)	•	•	•	•
Up/Down speed	.15 ft/s (.045 m/s)	.083 ft/s (.025 m/s)	.15 ft/s (.045 m/s)	.083 ft/s (.025 m/s)
Traverse Speed (power traverse model only)	max. 1 ft/s (.304 m/ variable speed		max. 1 ft/s (.304 m/s) variable speed	1 ft/s (.304 m/s)
Total Depth – Track & Lift	14"	21"	14"	20"
Lift Weight	22 lbs (10 kg)	14.5 lbs (6.5 kg)	22 lbs (10 kg)	43 lbs (19.5 kg)
Lifting Height	84" (2.1 m)	77" (1.96 m)	84" (2.1 m)	74" (1.9 m)

SLING SYSTEMS

Angel Accessibility Solutions offers the most complete range of slings ...

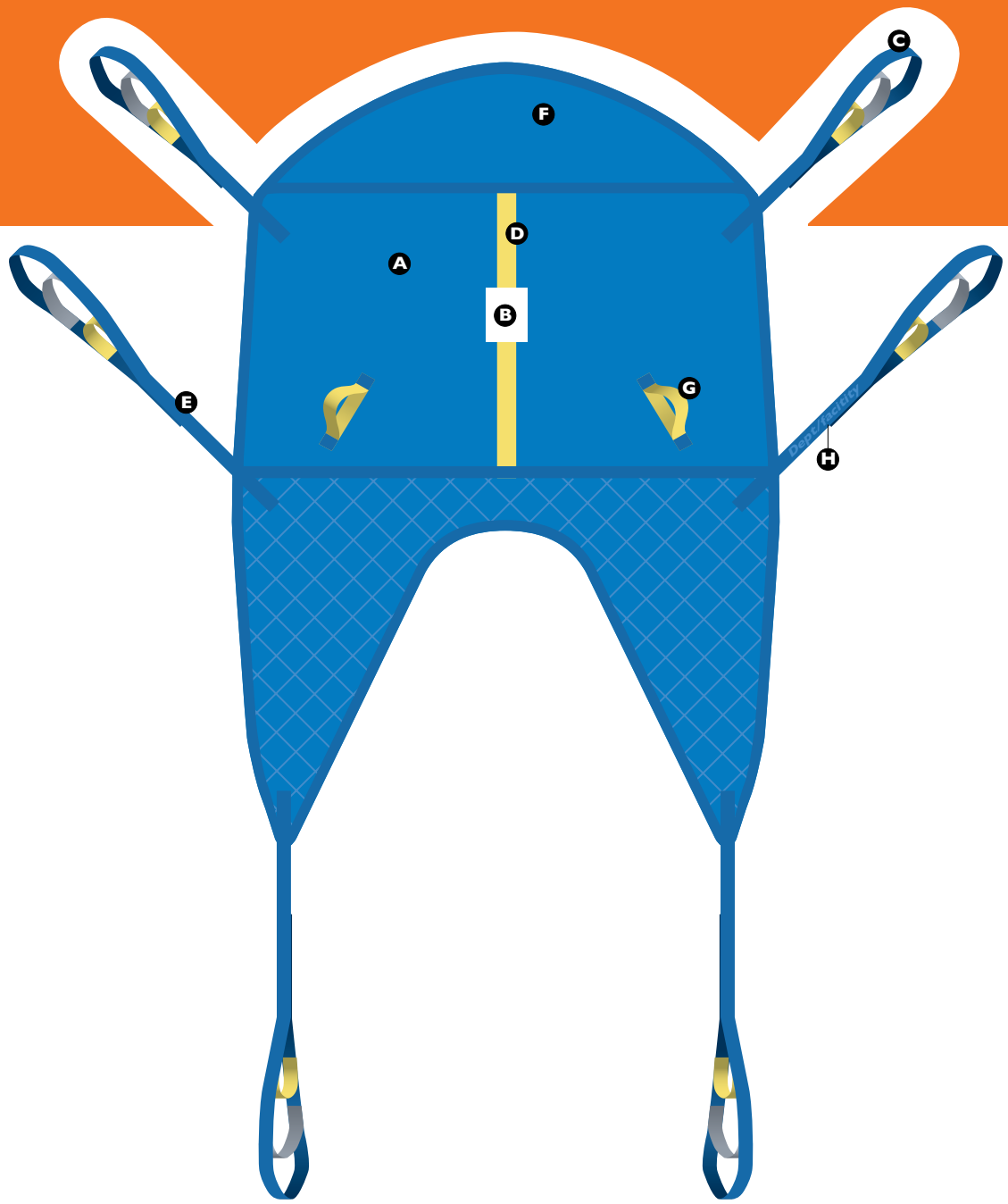
and lifting devices available, of which all are manufactured by Waverley Glen Systems Ltd.

Often referred to as the “software” component of a lift system, slings are designed to meet a range of patient needs - from optimal support to maximum mobility. They are adaptable and can accommodate a range of tasks including lifting, transferring, lifting from floor, repositioning, standing and walking.

In addition to the standard sling models, Angel Accessibility Solutions provides specialty slings such as boards for imaging, OR slings and seats/slings for use in pool environments.

As part of our complete TIPS package, Angel Accessibility Solutions ensures that customers’ needs are met through trial testing of different models, sling customization and ample training so all staff are knowledgeable and comfortable in the healthcare environment.

For further information on Angel Accessibility Solutions products and services, please visit www.angelsolutions.com or call 1-800-977-0721.



A. Fabric

Available in nylon, mesh, quilted or padded materials. Refer to Products Section, Slings, page 33

B. Label

Identifies serial number, weight capacity, size, washing instructions. Refer to Products Section, Slings, page 33.

C. Attachment loops

Multiple colour coded attachment loops attach to carry bar or portable lift and allow for adjustments to optimize patient comfort. Refer to Products Section, Slings, page 33.

D. Sling colour

Colour coded stripes on the posterior side of the slings indicate size. Refer to Products Section, Slings, page 33.

E. Straps

Enable the secure fastening of sling for patient stability and comfort.

F. Optional head support

Provides additional support and available for the universal sling only. Refer to Products Section, Slings, page 29.

G. Side loops

Function as handles to assist in positioning and adjustment of body angle.

H. Optional sling identification

Used for identification purposes. Useful for tracking while laundering.

ANATOMY OF A SLING

1 Universal Sling

A quick fix sling that is easy to apply and remove while patient is in a seated position. Used for bed to chair transfers and toileting. Requires some head and neck control and body tone.

2 Universal Sling with Head Support

Provides head support for patients with limited neck and head control.

3 Hammock Sling

Provides total body support including head & neck. Distributes body weight through the thighs and back area and is well suited for a double leg amputee.
Small opening at the buttock is smaller than universal sling but still allows for toileting.

4 Hygiene Sling

Primarily used for toileting and bed-to-chair transfers. Design enables change of undergarments while suspended in the sling. Additional support for this easy-to-apply sling is available. Requires upper body control (do not use if shoulder joint is compromised).

5 Quick Step

An advanced flexible sling design for weight bearing transfers while providing support in a semi-standing position. Utilizes ceiling or floor lift and weighs less than 18lbs – easy for a single caregiver to attach. Design includes foot plate, adjustable soft knee pad and hand grips.

6 Band Sling

Ideal for supporting limbs to facilitate change of dressing on arms/hands/legs/feet or to elevate/hold limbs during surgery.

7 Stand-transfer Sling

Mobilizes patient from sitting to standing position and provides support for individuals who may be unsteady on feet. Assists patient in regaining strength. Used in rehabilitation setting.

8 Walking Sling

Designed for weight bearing clients who require upper body support while having freedom of movement. Used in rehabilitation setting.

9 Positioning Sling

Used for bed management to turn/roll a patient from side to side or to move/position patient in bed. For ongoing maintenance, this sling is positioned and remains on bed underneath individual. Used for bed to stretcher transfers or any supine transfer.

10 Transfer Board

A white high density polyethylene transfer board made from radiolucent material used in x-ray and imaging departments. Straps are separate from board and clip on for lifting so board can be left on imaging table.

11 Pool Chair

A stainless steel chair with four locking stainless steel caster wheels. Straps attach to an overhead lift and a seat belt provide stability. Suited to weight bearing clients transferring into the chair and lowering via a lift instead of climbing into the water by use of a ladder.

Slings	Universal	Hammock	Hygiene	Positioning	Band	Walking*	Stand Transfer **
Materials							
Mesh	•	•		•			
Quilted	•	•	•		•		
Padded	•	•				•	
Nylon				•	•		•
Sizes							
Junior	•	•					
Small	•	•	•				
Medium	•	•	•		•	•	
Large	•	•	•				
X-Large	•						
XXL-Large	•						
Custom	•	•	•	•	•	•	•
36x51”				•			
42x78”				•			
36x70”				•			
Custom	•	•	•	•	•	•	•
Colors							
Blue	•	•	•	•	•	•	•
White				•			
Green				•			
Black						•	
Options							
Buckle			•			•	•
Velcro			•			•	
Ease of application							
Easy			•		•	•	•
Moderate	•			•			
More difficult		•					
Support provided							
Fair			•		•	•	•
Medium	•						
Greatest		•		•			

* Walking sling is specifically designed so weight bearing individuals can ambulate safely.
** Full support standing sling provides more support than a walking sling. It is designed to assist a person to stand and to perform a weight bearing transfer.

FABRICS

MESH

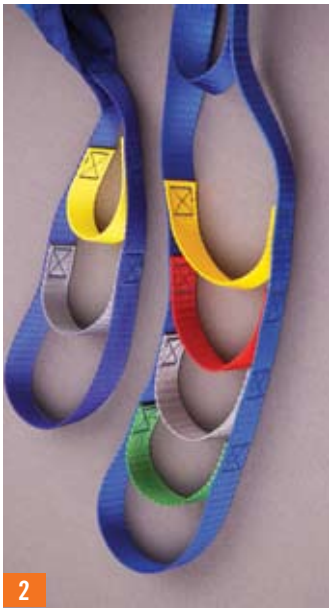
QUILTED

PADDED

NYLON

FEATURES

1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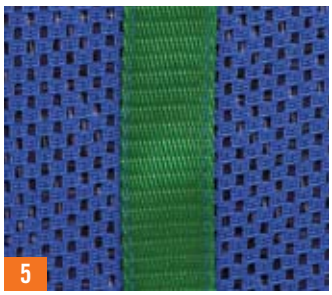

5

1 Sling label
2 End loops
3 Small sizing – red
4 Med sizing – yellow
5 Lg sizing – green

TRACK SYSTEM
AND COMPONENTS

Angel Accessibility Solutions provides a complete selection ...

of track systems and components for the design and assembly of any ceiling lift system. Going beyond the sale of its high quality Waverley Glen product line, Angel Accessibility Solutions ensures proper planning, installation, training and maintenance of lift systems, including tracks and components. Our experienced personnel are well trained in product installation for different health care environments and are well equipped in meeting specialized needs, designs and structural challenges. We ensure that every piece of your system is carefully integrated and that the finished product will meet your delivery needs.

For further information on Angel Accessibility Solutions products and services, please visit www.angelsolutions.com or call 1-800-977-0721.

TRACK SYSTEM

(refer to technical section, pages 42 – 55)

1 Track

The Track is used in single track system applications or as the parallel support rails for a gantry ('H') system. Also used as the 90 degree or 45 degree curves.

2 SuperTrack

The SuperTrack is used as a traversing boom. Can also be used as the parallel support rails for a gantry ('H') system. Typically used for longer spans.

3 TrackPlus

The TrackPlus is used as a traversing boom. Can also be used as the parallel support rails for a gantry ('H') system. Typically used for longer spans, 5 to 6 m between attachments.

4 90 Degree Curve Track

Curved tracks are used to change direction of tracks in a single track system. The 90 Degree Curve can be used with other straight or curved tracks.

5 45 Degree Curve Track

Curved tracks are used to change direction of tracks in a single track system. The 45 Degree Curve can be used with other straight or curved tracks.

... AND COMPONENTS

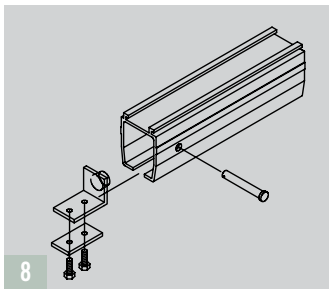
(refer to technical section, page 49)

6 Ceiling Brackets (3" & 6")

The 3" Ceiling Bracket is used to fasten the track to the building structure. Brackets are spaced for load distribution. They transfer forces to the building structure. The 6" Connector Bracket is used in the same capacity, but connects or splices two pieces of track together.

7 Traversing XY Gantry Trolley Set (Gantry Wheels)

The Traversing XY Gantry Trolley Set is used to connect the traversing boom to the parallel support rails for a gantry ('H') system. Available in manual and power traversing models.

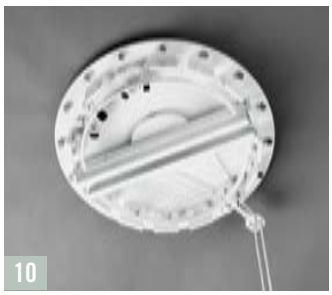


8 End-Stop & End-Stop Safety Pin

The End-Stop prevents the lift and/or the Traversing XY Gantry Trolley Set from rolling off the end of the track. The End-Stop is located inside the track typically at the end of each track, but can be adjusted and located anywhere along the track. The End-Stop Safety Pin acts as a redundant stop.

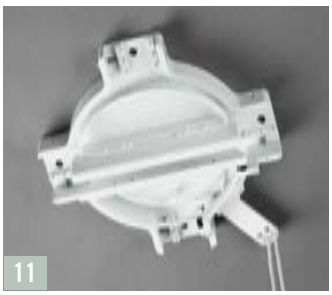
9 Charger End-Stop

The Charger End-Stop is essentially an End-Stop integrating a charger station to charge batteries in the ceiling lift.



10 Multi-Port Turntable 16 port

The Multi-Port Turntable provides the end-user with ultimate flexibility in lift and transfer situations that demand a wide range of locations. The turntable provides 15 different ceiling track take-off points each at 22 degrees. The turntable is easily rotated with the use of a simple pull cord mechanism.

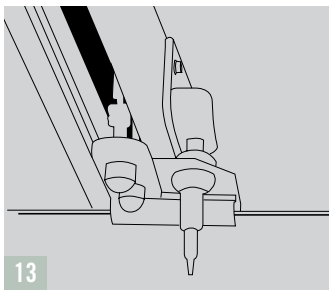


11 Quick-Fit Turntable 4 port

The Quick-Fit Turntable provides the end-user with 3 different ceiling track take-off points each at 90 degrees. The turntable is easily rotated with the use of a simple pull cord mechanism.

12 Trolley Assembly

The trolley assembly is a traversing wheel block located in the track. The portable lift is attached to the trolley with a manual charging device.



13 Auto Gate

The auto gate enables a transfer between a gantry and a single track. It does not require an electric actuator nor a pull cord. In moving the lift to the track and through the gate, an auto gate pin slides into a beveled holder which locks the tracks in place until the lift returns.

SELF STANDING SYSTEMS

1

2

1 Sequoia

Offers flexibility and versatility, the Sequoia is a two frame system used in conjunction with the portable P 425 lift. This frame is often used as a temporary measure in the home environment. It is easy to assemble and disassemble in most settings and is easy to adjust for the best coverage.

2 4 Post Bariatric

Offers solid support for up to 800 lbs. Standard dimensions are 10' x 10' with an X-Y gantry system. Custom sizing is possible for larger or smaller spaces. Well suited for a temporary lift solution or for a bariatric patient.

FLOOR LIFTS

1

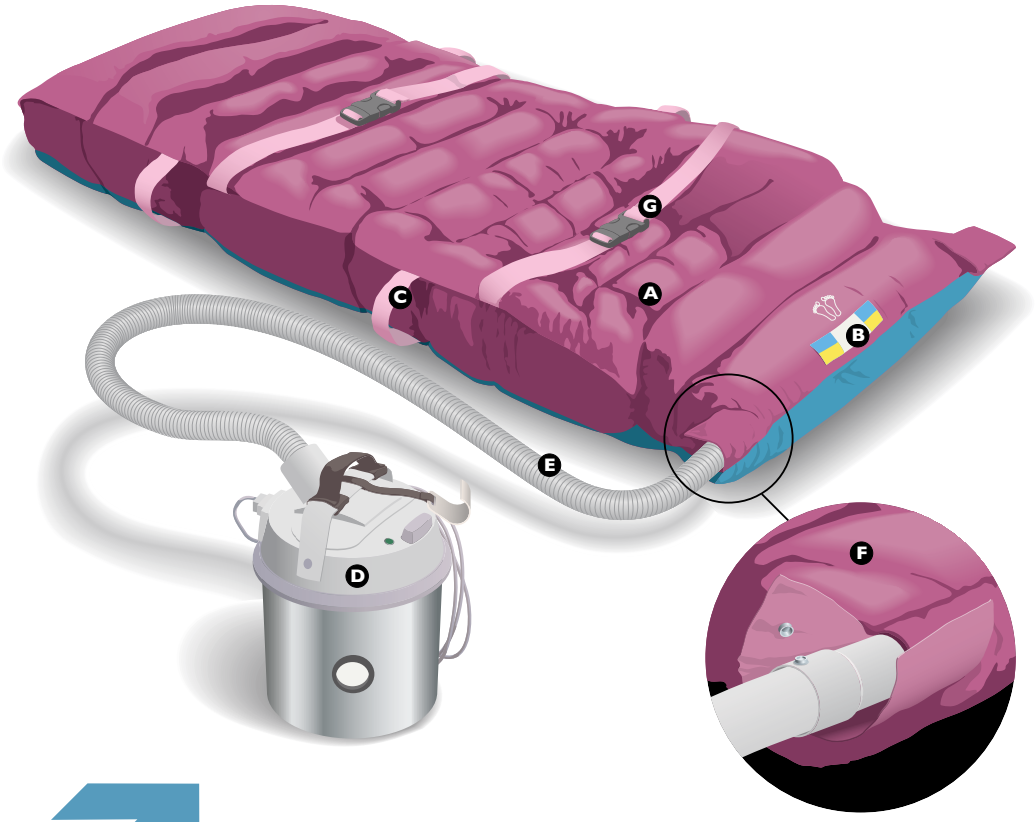
2

1 S 440

A sit-to-stand lift designed to assist patients from a seated position to standing. Leg supports extend laterally for weight distribution and optimal stability. Weight capacity: 440 lbs.

2 F 550

A floor lift designed to transport patients suspended in a sling. Leg supports extend laterally for weight distribution and optimal stability. Weight capacity: 550 lbs.



A. Fabric

Nylon twill (70 x 100 denier) with heat sealed seams. Coated with breathable polyurethane coating. Treated with waterproofing, bacteriostat, anti-static and flame retardant compounds.

B. Label

Identifies serial number, weight capacity, size, washing instructions.

C. Loops

Function as handling grips for lifting/transfer.

D. Air supply

Motorized air pump for matt inflation. Non-corrosive stainless steel canister.

E. Hose

Connects air pump to matt. 5' standard lengths. 25' lengths also available for MRI.

F. Connection

Insertion point of hose to matt.

G. Safety Belt

Used to secure patient.

ANATOMY OF A HOVERMATT

The Hovermatt system is used to move a patient from one level surface to another level surface with little or no effort on a cushion of air. The Hovermatts are available in a range of widths up to 50".

1 Hovermatt

Placed under a patient and inflated with a motor pump. Once inflated, the matt is easily movable.

2 HoverJack

A series of matt chambers sequentially stacked and connected. Inflates from the bottom up, providing a "jack" effect to elevate patients from the floor to prepare for a lateral transfer.

3 Halfmatt

An inflatable short matt used for seated post-operative patients with or without lower body feeling and function.

4 Safety Slide

A padded emergency evacuation mat used to slide patients down stairs when elevators are non-functional.

REPOSITIONING AIDS

1

1 Multiglide Sheets

A loop of low friction anti-statically treated nylon fabric. Allows easy multidirectional movement of patient. The multidirectional glide increases sheet versatility.

2 Air Glide System

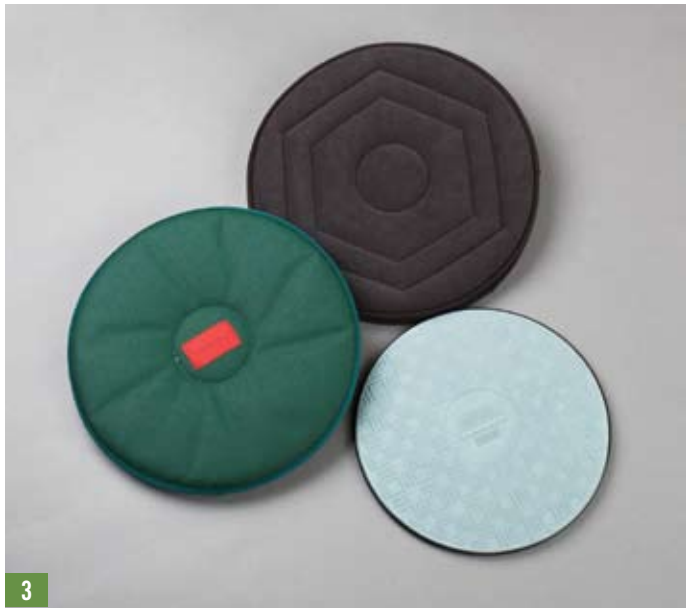
This pressure relieving system is comprised of a low pressure air mattress, two special two-way cotton top sheets. Allows repositioning while maintaining skin tissue viability.

3 Swivel/Pediturn/Onward Turntable

A low friction, circular swivel cushion used on a car, seat or bed. Provides assistance in maneuverability.

The Pediturn/Onward Turntable are low friction turning discs suitable for turning a sufficient weight bearing person.

2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4

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6

7

4 2 Move

Designed for supine lateral transfers from bed to bed/ stretcher/theatre table/x-ray/ shower trolley.

5 4 Way Glide

A two part system developed for frequent turning/repositioning on a bed or for lateral transfers. The cotton top quilt can be “locked” in position to prevent further movement i.e. when sitting a patient up in bed.

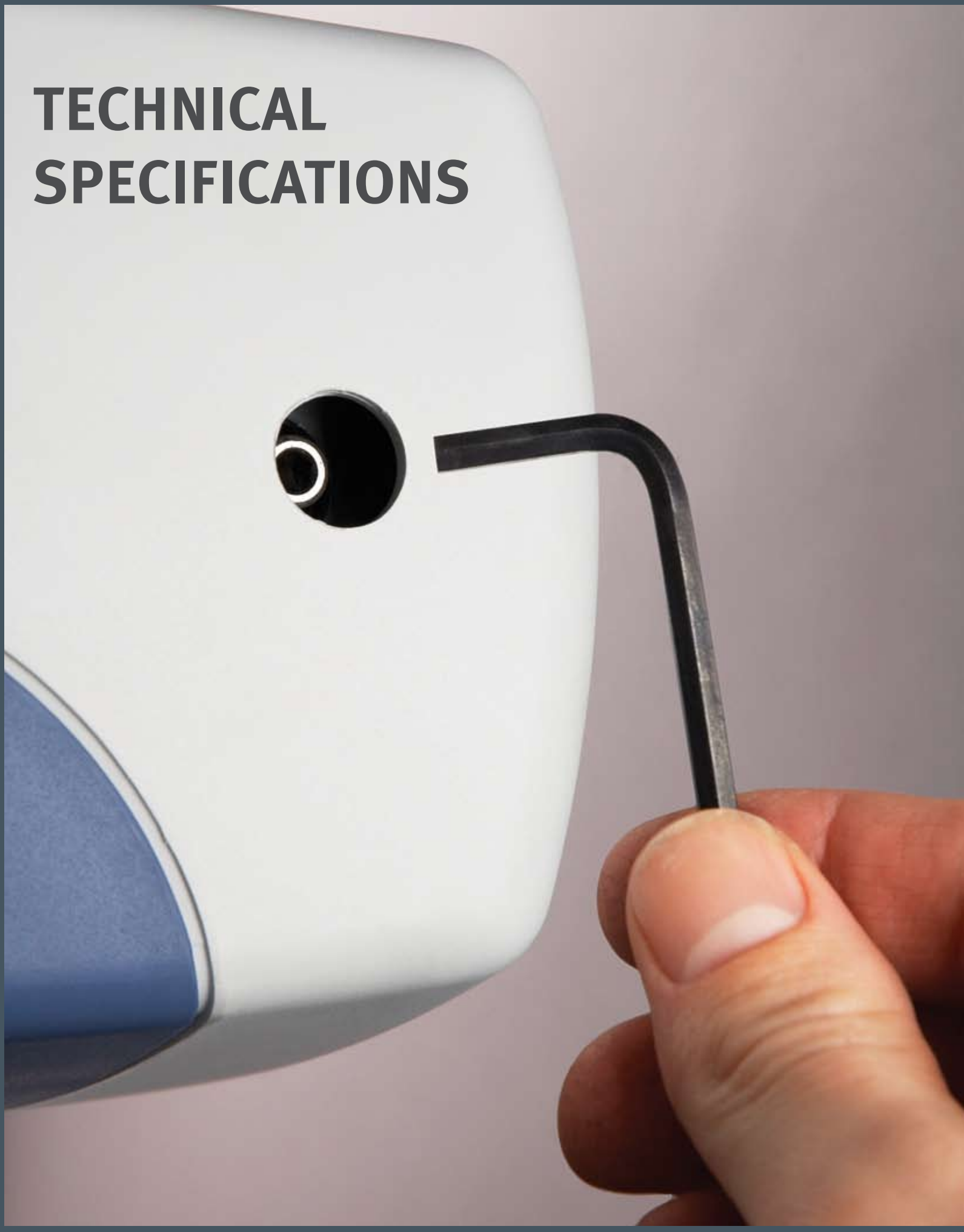
6 Multi-Glide Gloves

An effective aid in reducing friction when handling patients. Glove carefully glides under patient for repositioning and checking therapeutic seating surfaces.

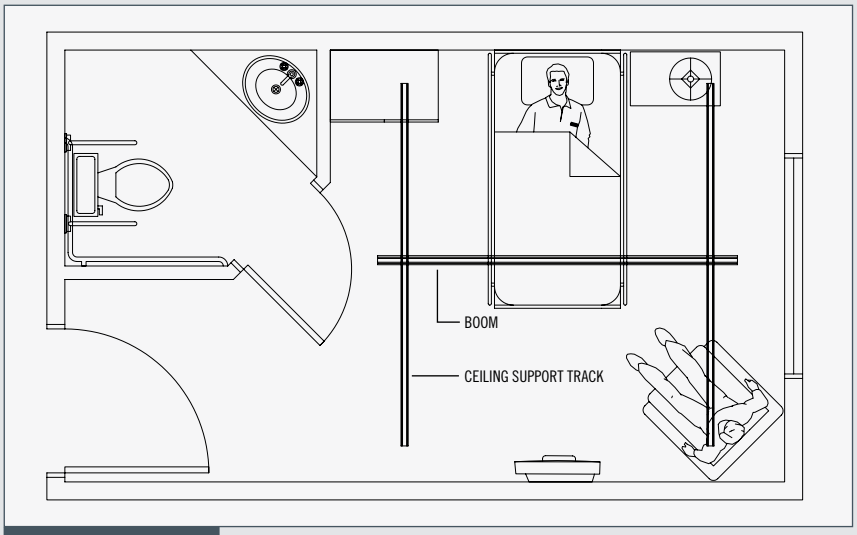
7 Mole X-Ray System

Made from radiolucent material, the mole consists of a two part plastic board and low friction nylon bag for x-ray plates. Slides under patient.

TECHNICAL SPECIFICATIONS



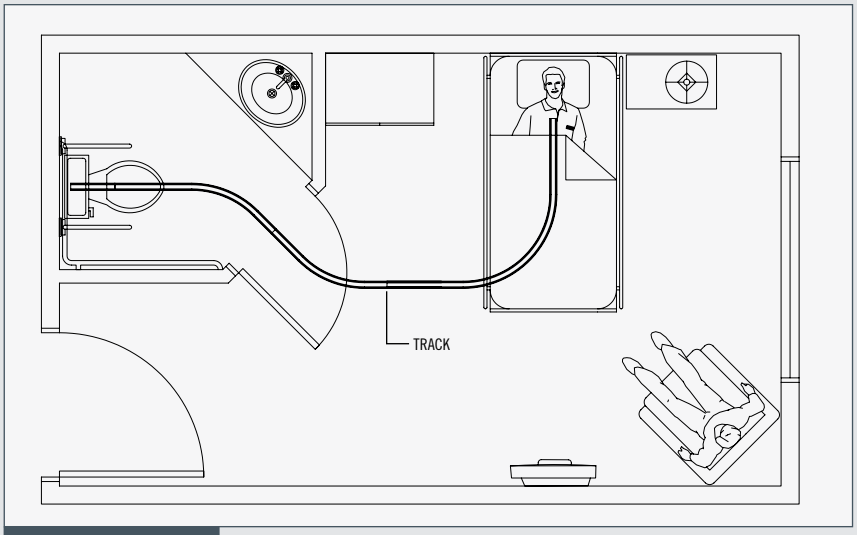
Track layouts
(single room)



Private Room X-Y Gantry

X-Y ROOM COVERAGE

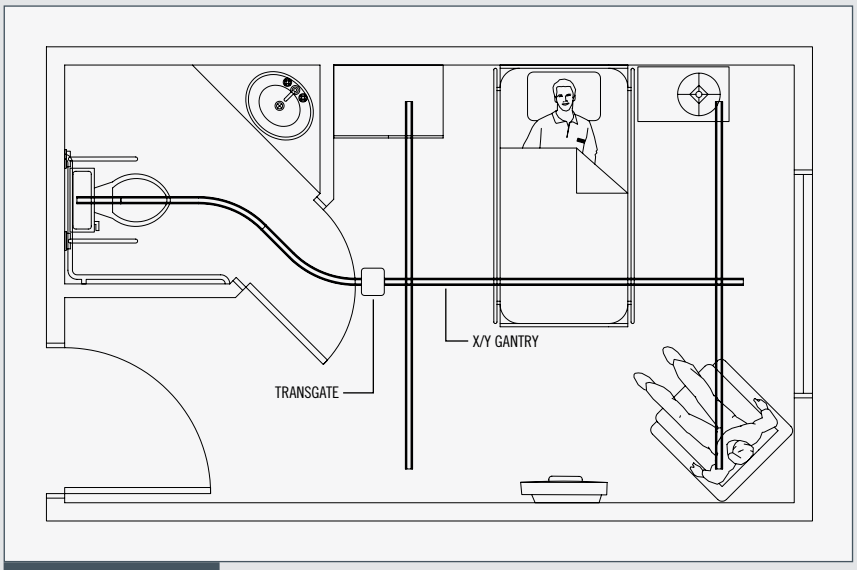
Lift access to the entire bedroom area. Transfers around bed and lift from floor available. No access to toilet via track.



Monorail to Bathroom

MONORAIL

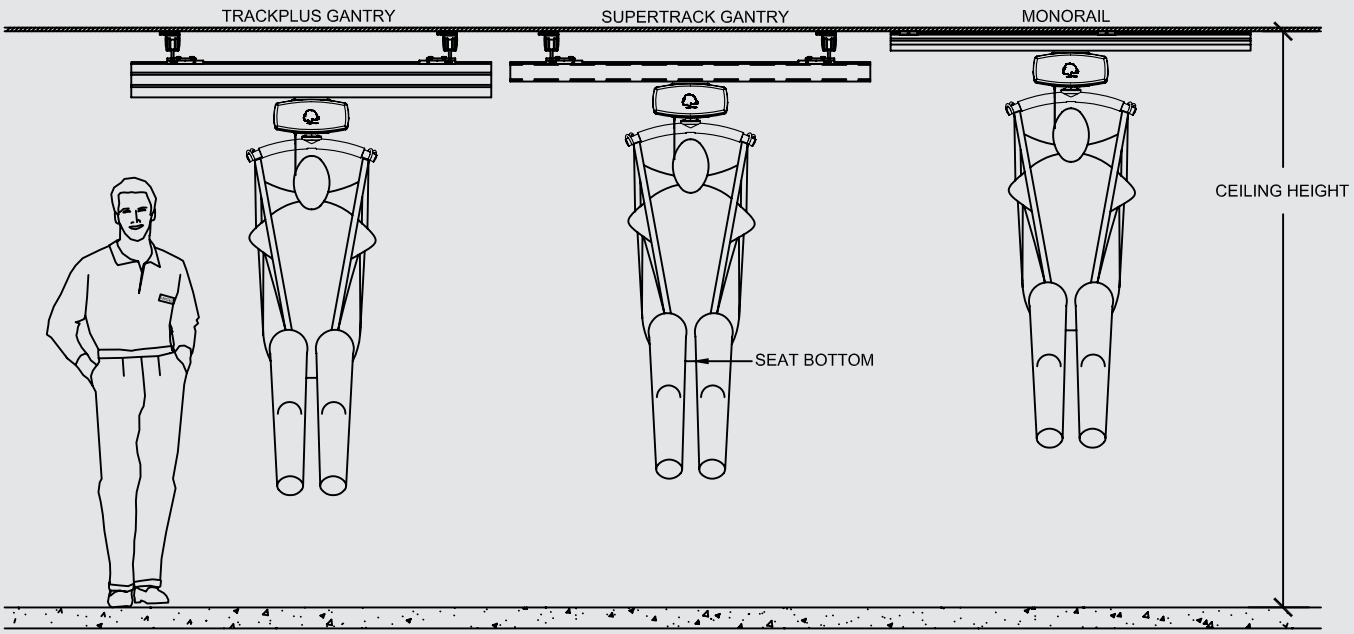
Single rail direct to bathroom. Allows repositioning in bed.



Transgate to Bathroom

X-Y ROOM COVERAGE WITH AUTOGATE

Provides full room coverage and a switch to go from the gantry system into the bathroom.



LIFTING HEIGHT DISTANCE FROM SEAT BOTTOM TO FLOOR			
CEILING HEIGHT	**TRACKPLUS**	**SUPERTRACK**	**MONORAIL**
2743 mm (108")	1168 mm (46")	1245 mm (49")	1372 mm (54")
2667 mm (105")	1092 mm (43")	1168 mm (46")	1295 mm (51")
2591 mm (102")	1016 mm (40")	1092 mm (43")	1219 mm (48")
2515 mm (99")	940 mm (37")	1016 mm (40")	1143 mm (45")
2438 mm (96")	864 mm (34")	940 mm (37")	1067 mm (42")
2362 mm (93")	787 mm (31")	864 mm (34")	991 mm (39")
2286 mm (90")	711 mm (28")	787 mm (31")	914 mm (36")
2210 mm (87")	635 mm (25")	711 mm (28")	838 mm (33")
2124 mm (84")	559 mm (22")	635 mm (25")	762 mm (30")

Note:

1. Track parallel rails; Track Monorail shown.

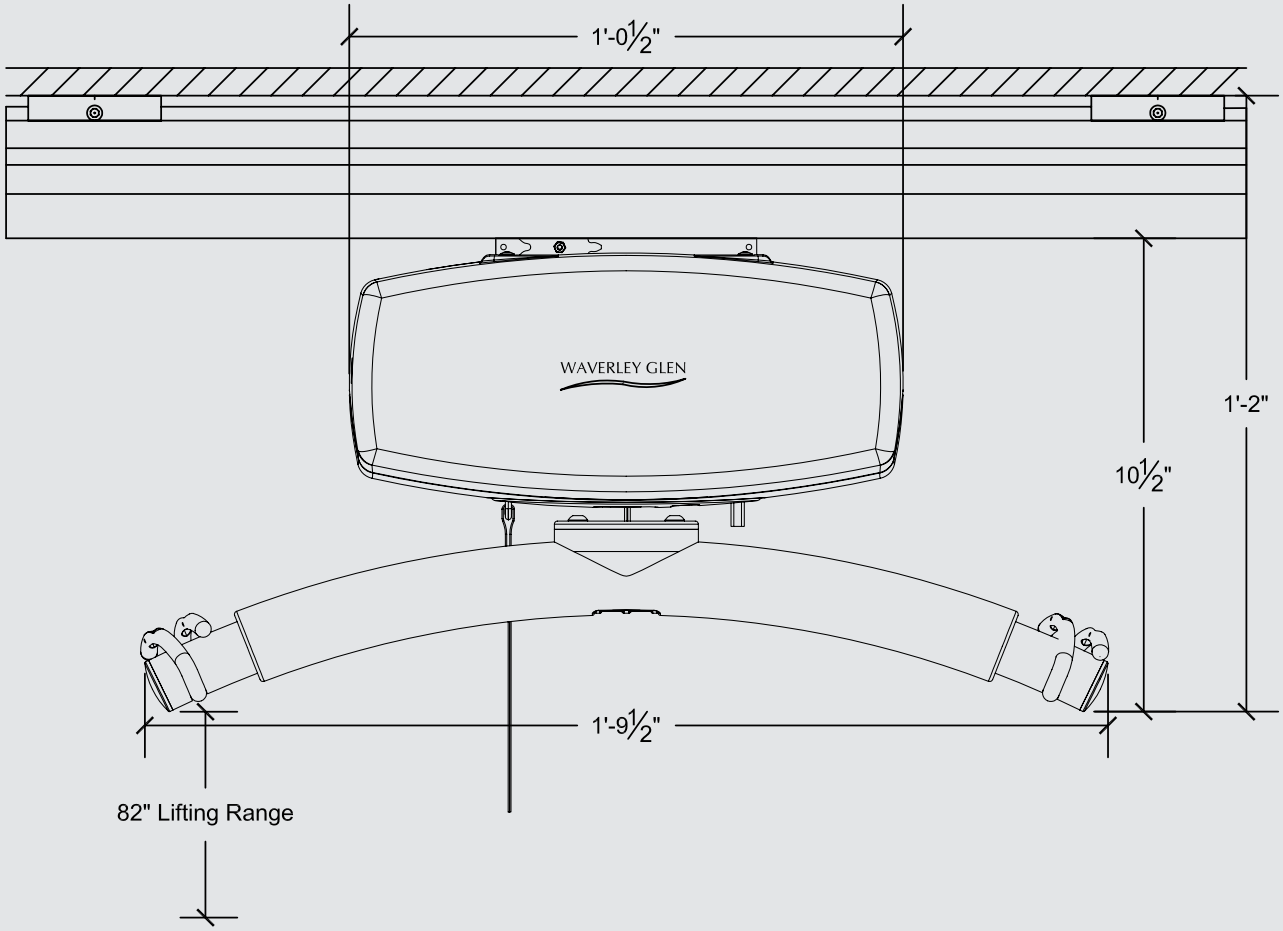
2. Lifting height distance may decrease depending on track combinations.

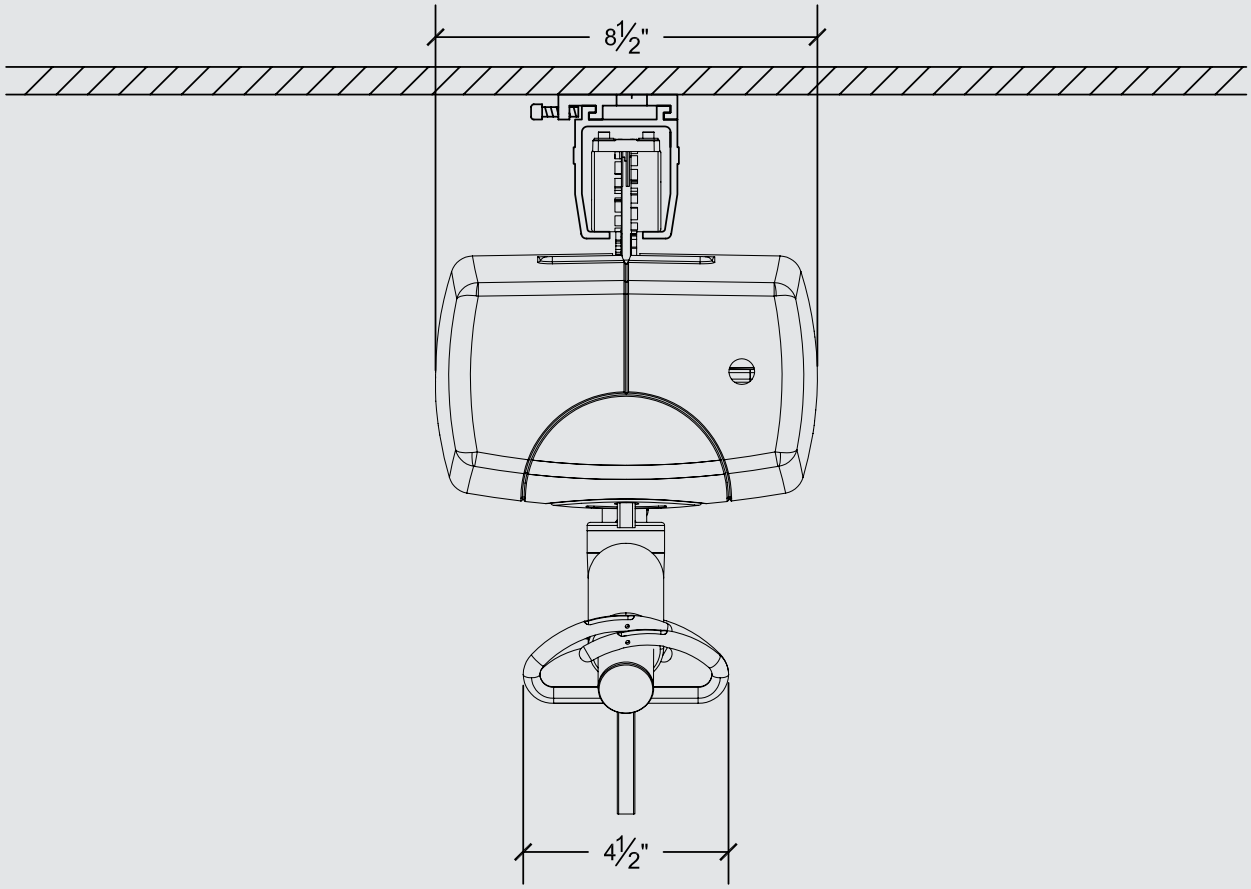
3. Measurements are for a large (L) Universal sling using the longest loop, from seat bottom to floor.

4. Lifting height distance may increase by up to 5" by moving from the longest loop to the shortest loop on the sling.

5. Lifting height distance may increase by up to 4" when using a medium universal sling on the longest loop.

6. Lifting height distance will vary depending upon patient positioning in sling.

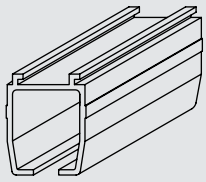

1'-0½"
WAVERLEY GLEN
1'-2"
10½"
1'-9½"
82" Lifting Range

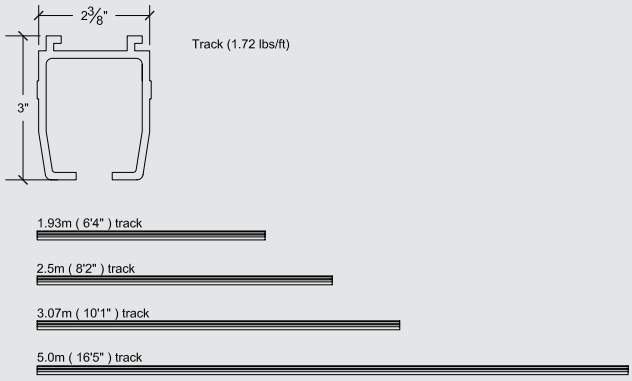

8½"
4½"

Types of Rail

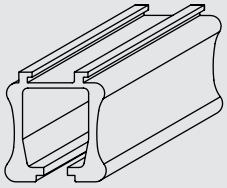
There are three types of rails: Track, SuperTrack and TrackPlus. Each type of rail is available in various lengths.

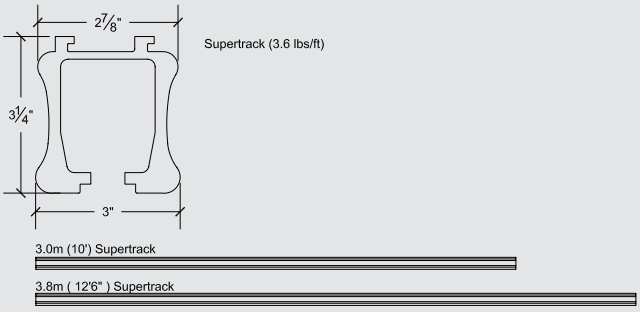
Tracks are used in single-track monorail systems. Either straight or curved Tracks, or combinations thereof, are used to meet various requirements. Track is used as parallel support rails for gantry or “H” systems. It is available in 90 degree and 45 degree curves. Curved tracks are used to change direction of tracks in a single-track system.


Track

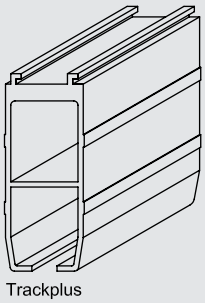


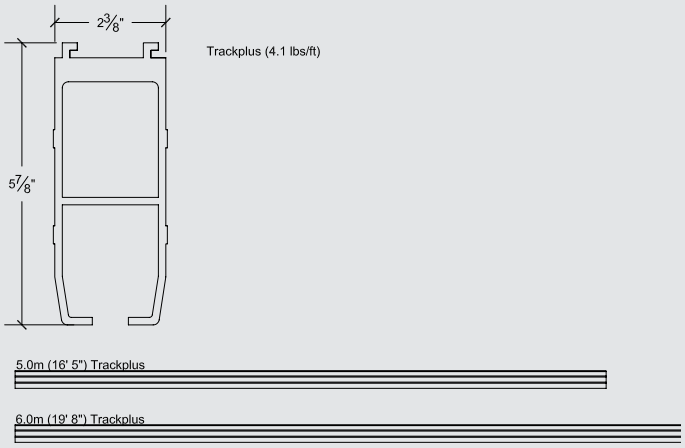
SuperTrack is normally used as a traversing boom. It can also be used as the parallel support rails for a gantry or “H” system where longer spans are required.


Supertrack



TrackPlus is used as a traversing boom and can be used as the parallel support rails for a gantry or “H” system where longer spans are required.

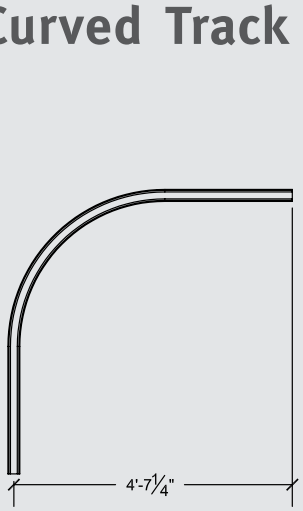

Trackplus

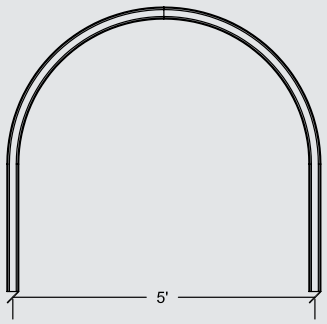


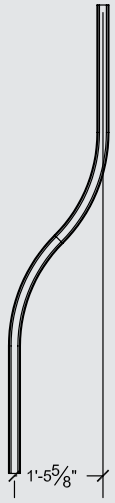
TYPICAL NUMBER OF CEILING BRACKETS PER LENGTH OF TRACK		
TRACK LENGTH	**TYPICAL NO. OF CEILING BRACKETS PER TRACK LENGTH**	**APPROX. SPACING**
6ft	3	36"
8ft	4	32"
10ft	4 to 5	40" to 30"
16ft	5 to 7	48" to 32"
90 Deg. Curve	4 to 5	32" to 24" *
45 Deg. Curve	4 to 5	32" to 24" *

Note: 1) No. of brackets may vary depending on building structure requirements 2) maximum deflection L/200 3) * measured along arc

Curved Track

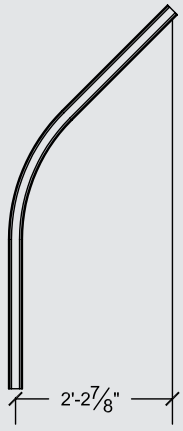


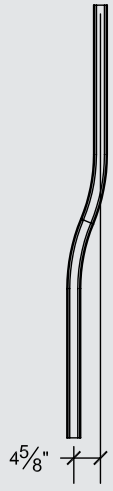




90 Degree Curve | **'U' Shape minimum** | **'S' Curve minimum offset**

90 Degree Tracks





45 Degree Curve | **'S' Shape minimum offset**

45 Degree Tracks

Gantry or ‘H’ Systems – underhanging traverse boom

An underhanging traverse boom is a room covering system providing the most functionality and area coverage. The boom has a 5" clearance from the ceiling clearing most ceiling devices, such as light fixtures, smoke detectors or similar ceiling mounted devices.

SuperTrack and TrackPlus parallel support rails can also be substituted for the track parallel support rails where longer spans are required.

TRACK

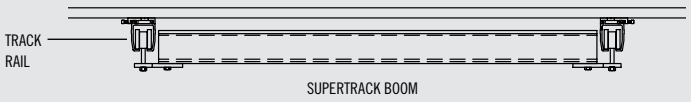
SUPERTRACK

TRACKPLUS

Gantry or ‘H’ systems – inset traverse boom

A traverse boom inset between fixed rails provides greater lift clearance with a greater lifting height. Valuable in rooms with lower ceiling heights.

Because the boom is closer to the ceiling, clearance is reduced for light fixtures, smoke detectors, sprinklers and other ceiling mounted fixtures.



SUPERTRACK BOOM

SUPERTRACK BOOM

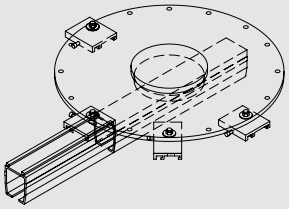
SUPERTRACK BOOM

TRACKPLUS BOOM

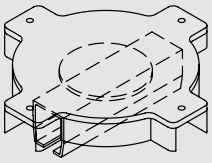
Track Accessories

There are several track accessories to meet many requirements.

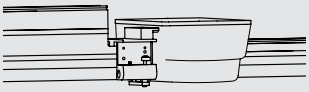
The multi-port turntable provides added flexibility for monorail system installations. The turntable has 15 different directions off at 22 1/2 degree increments.



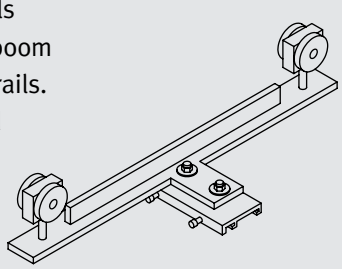
The Quick-Fit Turntable is a smaller version of the Multi-Port providing the end-user with 3 different ceiling track take-off points.



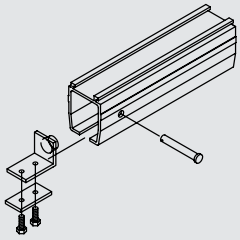
The Transgate permits a ceiling lift to travel between a gantry traversing boom and a single take-off track.



The Gantry trolley/wheels connects the traversing boom to the parallel support rails. Available in manual and power traversing.

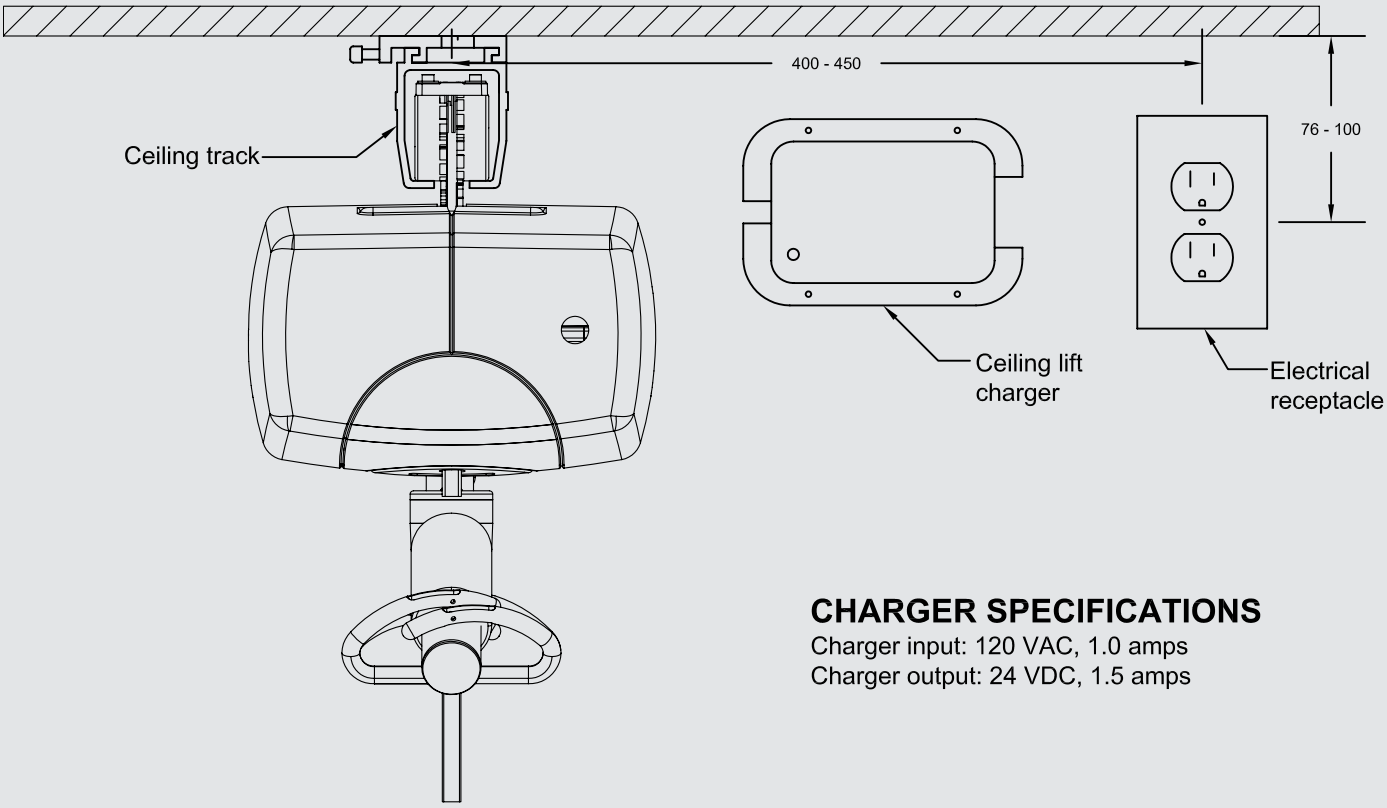


Endstop and
Endstop Safety Pin



Charging Specifications

The Ceiling lift is battery operated and must be returned to a predetermined charging location. The charger is typically wall mounted and must be plugged into a nearby electrical receptacle. The charger comes with a 6ft cord. However, it is recommended an electrical plug be installed near the location of the charger and charging location for aesthetics.

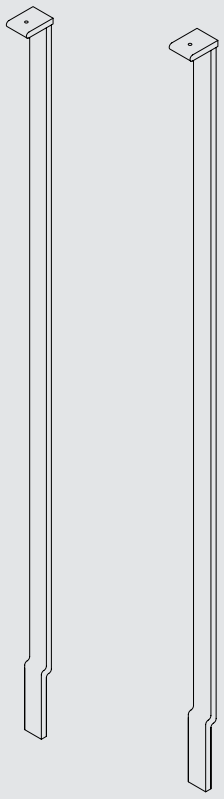


CHARGER SPECIFICATIONS

Charger input: 120 VAC, 1.0 amps
Charger output: 24 VDC, 1.5 amps

Wall Mount Systems

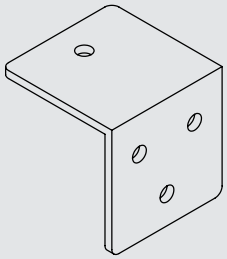
The Wall Mount System is an alternative method to mounting a single track or Gantry system from wall to wall where fastening to the ceiling is not possible. Mounting to the ceiling is still the preferred method and should be used before considering the wall mount system. There are two types of wall mount systems: wall mount post system and wall mount bracket system.



WALL MOUNT POST SYSTEM

There are specific requirements that must be met before considering the wall mount post system:

- The drywall must be at least 3/8" thick
- Drywall must be free of defects and moisture
- Distance Spanning
- Proper rails must be used
- Tracks can not be installed on angles greater than 45 degrees to the posts



WALL MOUNT BRACKET SYSTEM

There are specific requirements that must be met before considering the wall mount bracket system:

- Blocking in walls or
- Wood studs must be present for surface mounting
- Distance Spanning
- Proper rails must be used
- Tracks can not be installed on angles greater than 45 degrees to the posts

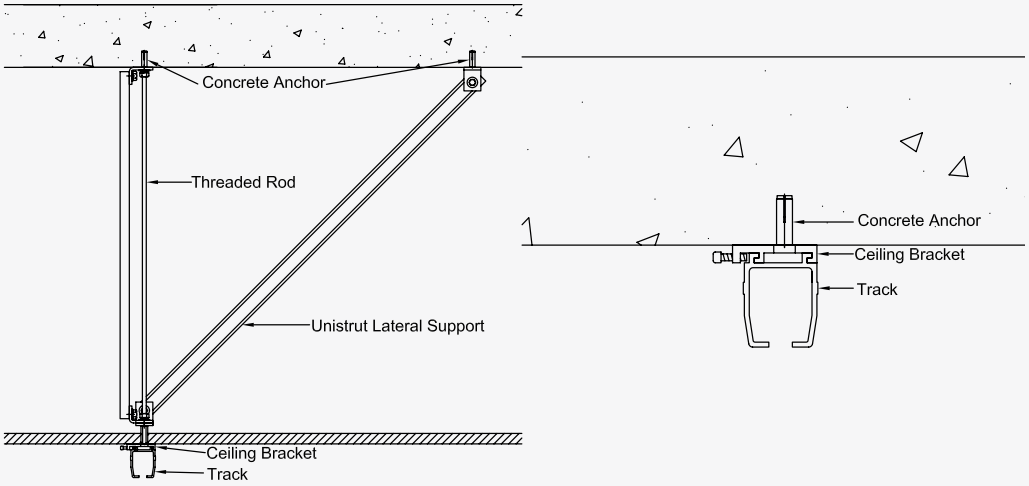
Mounting Details

Typically the track is surface mounted to the finished ceiling using a 3" ceiling bracket. However, it is possible in certain situations to recess the track in a suspended T-bar ceiling so that the bottom half of the track is visible. This can provide a more aesthetically clean look. Ceiling mounted devices such as smoke detectors and sprinklers must be taken into consideration as the traversing boom is raised and the clearance to the ceiling is reduced.

Note: all support structures must be verified for applicable loads & forces prior to installation.

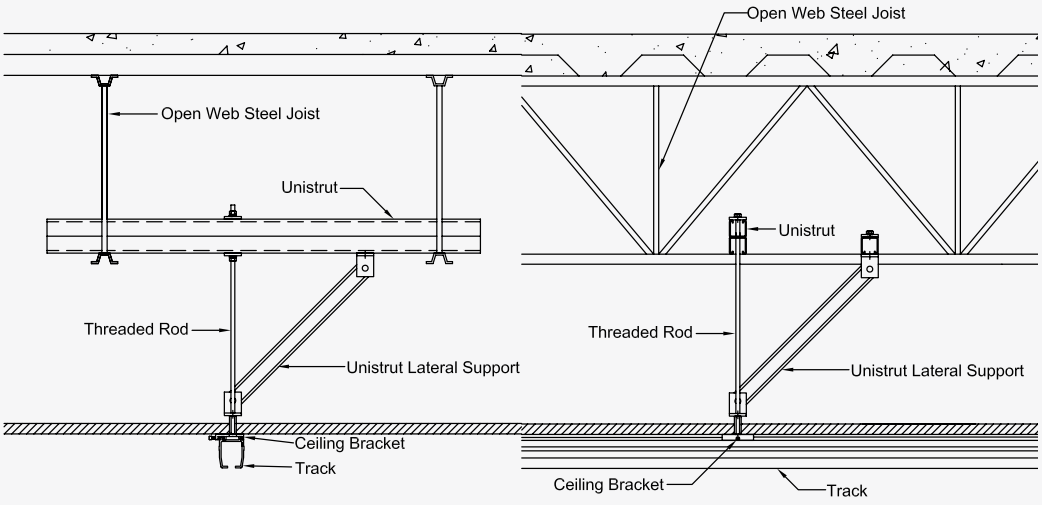
CONCRETE STRUCTURE

The track can be directly mounted to the concrete or suspended from the concrete using threaded rod and strut lateral supports.



STEEL STRUCTURE (OPEN WEB STEEL JOISTS)

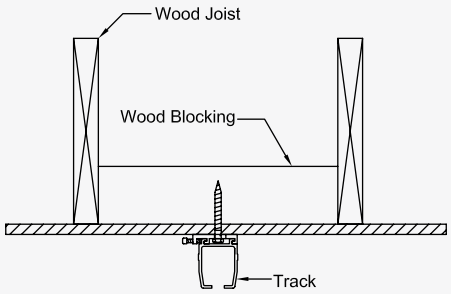
Typically Unistrut is fastened to the steel structure and the track is suspended using threaded rod and Unistrut lateral supports.

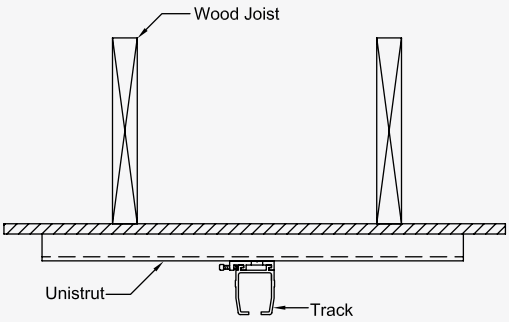


WOOD STRUCTURE

Wood Joists

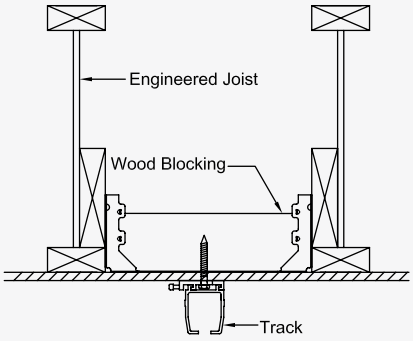
In certain cases track can be directly mounted to wood joists. Unistrut can also be used to span between joists to fasten the track to. Wood blocking between joists can be used as an alternative.

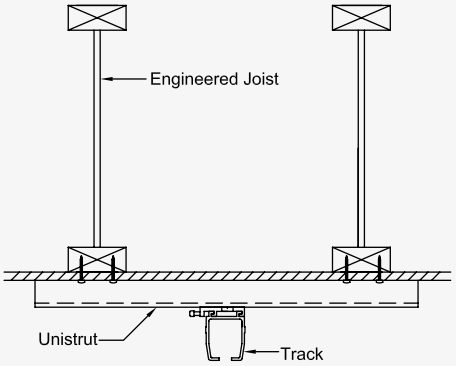




Engineered Joists

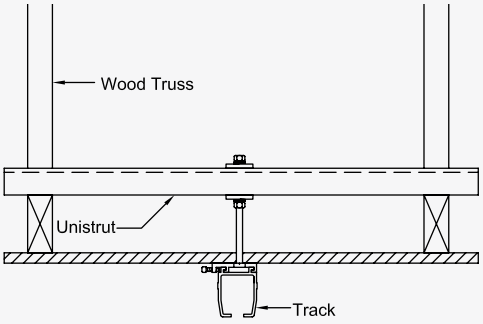
Wood blocking between engineered joists is the ideal method. In certain cases Unistrut can also be used to span between joists to fasten the track to.

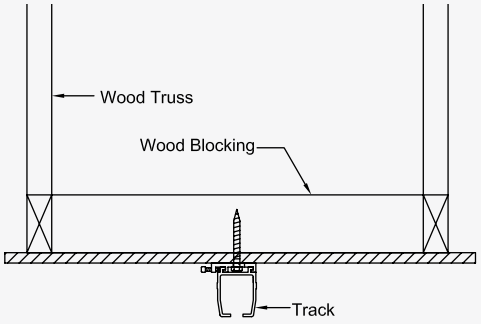




Wood Trusses

Typically Unistrut is spanned on top of the bottom chords of wood trusses and a short length of threaded rod is used to connect the track to the support structure. Wood blocking can also be used between the bottom chords.





Installation Considerations

STRUCTURAL CONSIDERATIONS

Wherever possible, architectural floor plans, reflected ceiling plans, building cross-sections and structural plans should be made available. Detailed knowledge of building structure should be obtained. All building and support structures must be verified for applicable loads & forces prior to installation.

MECHANICAL CONSIDERATIONS

Sprinklers, ducts, vents, radiant heat panels, etc. must be taken into consideration when planning the installation of ceiling lifts. Moving any mechanical devices can be expensive and requires completion by an authorized contractor.

ELECTRICAL CONSIDERATIONS

Lights, smoke detectors, etc. must be taken into consideration when planning the installation of ceiling lifts. The electrical receptacle for the charger must be located close to the charging location. Moving any electrical devices can be expensive and should be completed by an authorized contractor.

ASBESTOS

If asbestos is present and will be impacted by the installation of ceiling lifts, health regulations require it to be removed by an authorized contractor before the installation can proceed. Asbestos abatement can be expensive.

ADDENDUM

The following are sources of information on overhead lift systems, injury prevention and research.

WORKSAFE BC
www.worksafebc.com

Ceiling Lift Selection, Design, and Implementation
http://www2.worksafebc.com/Portals/HealthCare/CeilingLiftResources.asp?ReportID=31672

INTERIOR HEALTH AUTHORITY
www.interiorhealth.ca

Ceiling Track Lift Implementation Manual
http://www.interiorhealth.ca/NR/rdonlyres/C64B1633-DC83-4926-A2B8-EF110169198o/1369/April17CeilingTrackLiftImplementationManual.pdf

CENTER FOR HEALTH DESIGN
www.healthdesign.org

Research on Ceiling Lifts
http://www.healthdesign.org/research/reports/workplace.php

OCCUPATION HEALTH AND SAFETY AGENCY FOR HEALTHCARE IN BRITISH COLUMBIA
www.ohsah.bc.ca

Multiple articles on patient handling
http://www.ohsah.bc.ca/?feature=search&section_id=&tpid=558&searchSection=none&search_term=patient+handling+solutions&submit=Search

UNITED STATES DEPARTMENT OF VETERANS AFFAIRS
www.va.gov

Veterans Affairs Sunshine Healthcare Network, Patient Safety Center of Inquiry, Tampa Florida
http://www.visn8.med.va.gov/patientsafetycenter/

WAVERLEY GLEN SYSTEMS LTD.
www.waverleyglen.com

Manufacturer of ceiling lift systems and other patient handling solutions

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The Center for Health Design is a leading research and advocacy organization of forward-thinking healthcare and design professionals who are leading the quest to improve the quality of healthcare through building architecture and design.

Its mission is to transform healthcare settings - including hospitals, clinics, physician offices, and nursing homes - into healing environments that contribute to health and improve outcomes through the creative use of evidence-based design.

CALIFORNIA HOSPITAL ASSOCIATION
www.calhealth.org

Based in Sacramento, CHA is the statewide leader representing the interests of hospitals, health systems and other health care providers in California. CHA includes nearly 500 hospital and health system members, and more than 200 Executive, Associate and Personal members.

CHA provides members with state and federal representation and advocacy in the legislative and regulatory arenas through an agenda designed to improve access to quality, cost-effective health care services.

A special thank you to Marjorie Brims, Leslie Gamble, Dan Donahue and Helen Coleman.

Angel Accessibility Solutions ...

combines a wealth of experience with great product and customer service that makes for a very positive experience in dealing with a relatively new technology.

Angel gave me confidence because of the complete package it offers, including no cost product trials, fast quality installations, follow-up education and training with direct care staff, on-site engineering solutions, a solid price with no add-on costs and experienced user group access for real time help with challenges.

Dan Donahue, M.Ed.
Director Employee Health
Providence St. Peter Hospital
Olympia, Washington

Working with Angel has been great. They know the business like know one else. They have a great product at a great price and can install and provide service and training like no other.

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